AD **AMERICAN** ™
DYNAMICS
Video Systems
VOLUME 4

Welcome

TO THE PRODUCT GUIDE

For over three decades, American Dynamics, a leading brand of Tyco Access Control and Video Systems, has built a reputation for innovation, quality and dependability in video security equipment.

Our technology, while market-driven, is developed with the security professionals throughout the industry in mind. Our award-winning Intellex revolutionized digital video recording and Intellex IP adapts this leading-edge technology for network video. Our programmable dome cameras are sophisticated in design, seamlessly integrate with other products and are easy to install. Our matrix switchers were the first to combine scalability with high density and rank the most reliable in the industry.

We continue to offer complete solutions, providing products that increase efficiency and fit any budget while maintaining the same high standards for performance and quality. Our warranties are the most comprehensive in the business. You will receive full support throughout the entire life cycle of each product.

Our applications engineers are available to assist with system design before you buy. Our technical support staff will answer your post-sale questions on installation and maintenance. We offer training programs at all skill levels to teach your staff everything they need to know about installation and configuration.

At Tyco's American Dynamics, we are committed to being your security partner.

Guidelines
FOR THE PRODUCT GUIDE

Each chapter in this guide introduces a family of American Dynamic's products

and includes useful information for placing your order. You will find listings of key

features and model numbers, comparison charts that provide a fast and easy

overview of each product in relation to the others and selection trees that guide

you to the model most appropriate for your

requirements. Please refer to the legend to the

right for additional help in understanding the

model numbers. The product dimensions are

represented as **height x width x depth**,

or **height x width x length** or **diameter**.

COMMON ABBREVIATIONS	
mm = millimeters	**kg =** kilograms
in or '' = inches	**lbs =** pounds

The index located in the back of this guide

provides an alphabetical listing of model

numbers and the pages on which the

corresponding product appears.

HELPFUL TIPS ON MODEL NUMBERS:

If the following characters appear at the end of a model number they usually signify*:

Null and **N** = NTSC or EIA

X, -1 and **P** = PAL or CCIR

B = Black

W = White

EXAMPLES:

NTSC:
ADSDU835IHS**N**
ADCA470CAF**N**

PAL:
ADSDU835IHS**P**
ADCA470CAF**P**

Black or White:
ADMCA1LCD**20W**
ADMCA1LCD**20B**

Except on indicated pages

AMERICAN DYNAMICS

contents
volume 4

Fixed Cameras, Mini-Domes and Lenses

SpeedDome Programmable Dome Cameras

Monitors

Intellex® Digital Video Management Systems

Matrix Switchers and Keyboards

Fixed Cameras, Lenses, Mounts & Housings

SpeedDomes, Drones, Controllers & Accessories

Monitors

Enterprise Surveillance Solution

Digital Video Management Solutions

Matrix Switcher/Controller Systems & Keyboards

Quads, Multiplexers, VCRs & Video Accessories

Index

Fixed Cameras, Lenses, Mounts & Housings

Whenever thousands of fans converge to root for the home team, everyone is safer on and off the field with video security from American Dynamics. Public safety may be at an all-time premium these days but sports enthusiasts can attend the game secure in the knowledge that our fixed cameras never drop the ball.

www.americandynamics.net

Fixed Cameras

Quality in means quality out. The only way to guarantee that a clear accurate picture appears on your monitor is to start with a camera capable of feeding clear accurate pictures into the system. American Dynamics fixed cameras do just that, giving you the best image every time. Our color models reproduce superior hues and render truer flesh tones. Our cameras penetrate light levels as low as .02 lux. Camera Pre-Packs take the guesswork out of installation, providing everything you need — camera, lens, housing, mount and mounting hardware — and are pre-assembled for your convenience at no extra charge. Whatever your requirements, American Dynamics has the right camera for the job.

Camera Pre-Packs:

Standard Pre-Packs include color, black & white, and True Day/Night cameras (product dependent) with a choice of lenses, as well as indoor and outdoor housing mounts. **Discover Mini-Domes** are vandal or non-vandal resistant and combine two options in one housing — they can either be flush or surface-mounted. Select from two different bubble options: tinted for covert use or clear for maximizing low light performance. The vandal resistant housing is made with a high-impact polycarbonate bubble, tamper-resistant hardware and is available in a black or white finish. The non-vandal resistant version is available in a white finish. A variety of other **Speciality Pre-Packs** are also available.

Color Cameras:

Our color Digital Signal Processing (DSP) cameras produce natural rich images, making it easier to identify your subject or discern a red car from a maroon one in instances when knowing the difference really matters. We design and test for color accuracy in every imaginable kind of lighting, from halogen, sodium vapor and mercury vapor to fluorescent and natural sunlight.

Each of our CCD color cameras can serve a multitude of applications. We offer economical, efficient models for entry level and general purpose installations where cost and reliability are paramount. We also offer high-end, advanced feature models equipped with Wide Dynamic Range (WDR), Night-Saver mode and backlight compensation.

Black & White Camera:

Our black & white cameras feature full-performance high resolution imagers and perform amazingly in minimal light. All models are infrared light-sensitive, making them the perfect choice for covert operations when used with IR illuminators. When it means the difference between illuminating a dark area such as a parking garage or installing low-light cameras, these models can save you enough money to pay for themselves.

High Resolution Cameras:

540TVL and 540TVL with True Day/Night cameras provide high resolution images in a variety of lighting conditions and are competitively-priced. The models with Night-Saver mode are the ideal choice for applications requiring 540 TVL to provide super, high resolution images and true color rendition. The Night-Saver mode automatically switches the cameras to quasi black and white in scenes with low lighting to provide better low-light detail performance. Internal and phase adjustable line lock options are also included for roll-free switching. True Day/Night models also include a moving mechanical IR cut filter that provides True Day/ Night functionality, easy-to-use advanced features such as on-screen menu programming with default settings, advanced pixel correction, a focus adjust mode for focus accuracy, selectable four-zone BLC, manual shutter mode, and a monitor mode to optimize the camera output for CRT or LCD displays. Both series of cameras are extremely reliable, easy-to-install, and are optimal for use in areas where high performance in a variety of lighting conditions is required.

AMERICAN DYNAMICS

ADCDH2506CN
(Discover Indoor/Outdoor)

ADCBH2506CN
(Discover Indoor/Outdoor)

ADCPWH2506CN
(Discover Indoor)

ADCDDRONE
(Discover Drone Indoor/Outdoor)

1   CHOOSE FEATURES THAT MAKE A DIFFERENCE

- High-impact, vandal resistant housing that retains shape even after forceful impact*

- High-impact, vandal resistant polycarbonate bubbles (clear and tinted)*

- Snap-on bubble liner for an extra level of covertness

- Advanced pivoting axis provides greater viewing flexibility

- Three auto iris lens options for better image quality and improved low-light performance

- Multiple camera options, including WDR model with latest Pixim® technology*

- Night-Saver mode for extreme low-light conditions (high resolution & WDR models only)

- Easy installation with eight mounting options (surface, flush, pendant, wall, wall-pole, wall-exterior corner, inside corner, electrical box)*

- Discover Drone option*

- IP66 and NEMA4X-rated for -30° to 50°C (-22° to 122°F)*

- ADCD and ADCB series dimensions: [height x bubble diameter]: 93 x 95 mm (3.6 x 3.7 in)

  High resolution camera weight: 1.0 kg (2.2 lbs)

  WDR & standard resolution camera weight: 0.9 kg (1.9 lbs)

- ADCPW dimensions: [height x bubble diameter]: 100 x 120 mm (3.9 x 4.7 in)

  Weight: 0.3 kg (0.7 lbs)

ADCD and ADCB series only.

Discover Mini-Domes

& MOUNTS

2 SELECT A MODEL

Model Number Configuration for Discover Mini-Domes

BRAND	TYPE & FINISH	CAMERA	FOCAL LENGTH	BUBBLE	FORMAT
AD	XXX or XX	X	XXXX	X	X
AD	CPW = Indoor, White CD = Vandal resistant, White CB = Vandal resistant, Black	H = High resolution W = Wide dynamic range S = Standard resolution	2506 = 2.5 – 6 mm 3895 = 3.8 – 9.5 mm 0922 = 9 – 22 mm	C = Clear T = Tinted	N = NTSC P = PAL U = Universal

Note: All models are not available per configuration table above; contact your sales representative for availability.

WHITE

Indoor
High Resolution
(Clear Bubble):
ADCPWH2506**CN**
ADCPWH2506**CP**
ADCPWH3895**CN**
ADCPWH3895**CP**
ADCPWH0922**CN**
ADCPWH0922**CP**

(Tint Bubble):
ADCPWH2506**TN**
ADCPWH2506**TP**
ADCPWH3895**TN**
ADCPWH3895**TP**
ADCPWH0922**TN**
ADCPWH0922**TP**

Mounts:
ADCPWM**PEND**
(Pendant cap, three-quarter inch thread)

Vandal Resistant
Indoor/Outdoor
High Resolution
(Clear Bubble):
ADCDH2506**CN**
ADCDH2506**CN4**
ADCDH2506**CN8**
ADCDH2506**CP**
ADCDH3895**CN**
ADCDH3895**CN4**
ADCDH3895**CN8**
ADCDH3895**CP**
ADCDH0922**CN**
ADCDH0922**CN4**
ADCDH0922**CN8**
ADCDH0922**CP**

High Resolution
(Tint Bubble):
ADCDH2506**TN**
ADCDH2506**TN4**
ADCDH2506**TP**
ADCDH3895**TN**
ADCDH3895**TN4**
ADCDH3895**TP**
ADCDH0922**TN**
ADCDH0922**TN4**
ADCDH0922**TP**

High Resolution
(WDR, Clear Bubble):
ADCDW2506**CU**
ADCDW3895**CU**
ADCDW0922**CU**

High Resolution
(WDR, Tint Bubble):
ADCDW2506**TU**
ADCDW3895**TU**
ADCDW0922**TU**

Standard Resolution
(Clear Bubble):
ADCDS3895**CN**
ADCDS3895**CP**

Standard Resolution
(Tint Bubble):
ADCDS3895**TN**
ADCDS3895**TP**

Mounts &
Accessories:
ADCDM**WALL**
(Wall mount w/pendant cap)

ADCDM**POLE**
(Pole mount for use with ADCDMWALL)

ADCDM**PEND**
(Pendant cap, three-quarter inch thread)

ADCDD**RONE**
(Drone, no camera or lens capability)

ADCDM**CRNR**
(Corner mount)

ADCDM**CRNRO**
(Outside corner adapter for use with ADCDMWALL)

ADCDM**ELEC**
(4S electrical box adapter)

BLACK

Vandel Resistant
Indoor/Outdoor
High Resolution
(Clear Bubble):
ADCBH2506**CN**
ADCBH2506**CN4**
ADCBH2506**CN8**
ADCBH2506**CP**
ADCBH3895**CN**
ADCBH3895**CP**
ADCBH0922**CN**
ADCBH0922**CN4**
ADCBH0922**CN8**
ADCBH0922**CP**

High Resolution
(Tint Bubble):
ADCBH2506**TN**
ADCBH2506**TN4**
ADCBH2506**TN8**
ADCBH2506**TP**
ADCBH3895**TN**
ADCBH3895**TN4**
ADCBH3895**TN8**
ADCBH3895**TP**
ADCBH0922**TN**
ADCBH0922**TN4**
ADCBH0922**TN8**
ADCBH0922**TP**

High Resolution
(WDR, Clear Bubble):
ADCBW2506**CU**
ADCBW3895**CU**
ADCBW0922**CU**

High Resolution
(WDR, Tint Bubble):
ADCBW2506**TU**
ADCBW3895**TU**
ADCBW0922**TU**

Standard Resolution
(Clear Bubble):
ADCBS3895**CN**
ADCBS3895**CP**

Standard Resolution
(Tint Bubble):
ADCBS3895**TN**
ADCBS3895**TP**

Mounts &
Accessories:
ADCBM**WALL**
(Wall mount w/pendant cap)

ADCBMP**END**
(Pendant cap, three-quarter inch thread)

ADCB**DRONE**
(Drone, no camera or lens capability)

3 SELECT YOUR CAMERA ACCESSORIES (FOR USE WITH ALL MODELS)

ADCDSLC *(Video service lead cable)*

AMERICAN DYNAMICS

1 CHOOSE FEATURES THAT MAKE A DIFFERENCE

- Choice of camera, lens, housing and mount combinations

- Some versions also available without housing

- Assembled, adjusted and tested

- Quick and easy installation

- Indoor and outdoor versions

- NTSC and EIA versions only

- Some versions include heater and blower

2 ORDER A STANDARD PRE-PACK KIT

CONTENTS OF A PRE-PACK:

A Camera

B Lens

C Housing *(either indoor or outdoor environments)*

D Mount

A Camera
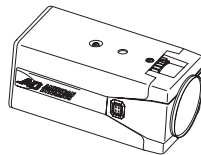
B Lens

C Housing

D Mount
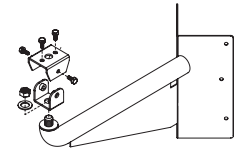
Standard Pre-Packs

3 SELECT A MODEL

INDOOR

With Housing (Wall Mount):
CPAKI**3303-8**
CPAKI**3302-12**
CPAKI**5803-8**
CPAKI**5802-12**
CPAKI**SHR3-8N**
CPAKI**SHR2-12N**

With Housing (Pole Mount):
CPAKI**P3303-8**
CPAKI**P3302-12**
CPAKI**PSHR3-8N**
CPAKI**PSHR2-12N**

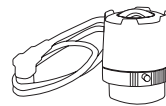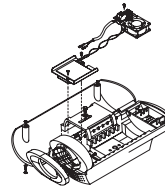**Without Housing (Wall Mount):**
CPAKI**W5803-8**
CPAKI**W5802-12**
CPAKI**W3303-8**
CPAKI**W3302-12**
CPAKI**W3305-50**
CPAKI**WSHR3-8N**
CPAKI**WSHR2-12N**
CPAKI**WSHR5-50N**

OUTDOOR

With Housing (Wall Mount):
CPAKO**5803-8**
CPAKO**5802-12**
CPAKO**5805-50**
CPAKO**3303-8**
CPAKO**3302-12**
CPAKO**3305-50**
CPAKO**SHR3-8N**
CPAKO**SHR2-12N**
CPAKO**SHR5-50N**
CPAKO**TDN3-8N**
CPAKO**TDN2-11N**
CPAKO**TDN10-40N**

With Housing (Pole Mount):
CPAKO**P5803-8**
CPAKO**P5802-12**
CPAKO**P5805-50**
CPAKO**P3303-8**
CPAKO**P3302-12**
CPAKO**P3305-50**
CPAKO**PSHR3-8N**
CPAKO**PSHR2-12N**
CPAKO**PSHR5-50N**
CPAKO**PTDN3-8N**
CPAKO**PTDN2-11N**
CPAKO**PTDN10-40N**

Millions of people board public transportation systems. Those who take train routes protected by American Dynamics fixed cameras are secured a safer ride.

AMERICAN DYNAMICS

Speciality Pre-Packs

Micro-Camera Pre-Packs:

- 4-inch micro-dome
- 1/3" interline color imager, NTSC format
- 330 TVL - color
- 1/3", 3.6 mm lens; 92° horizontal FOV
- 2.0 lux - color

- Sharp picture
- Automatic electronic shutter
- Automatic gain control
- For indoor use only
- Auto tracing white balance
- 12 VDC input via included regulated power supply

- Diameter: 100 mm (3.94 in)
- Height: 57 mm (2.2 in)
- Weight: .18 kg (.40 lbs)

ADC**720**D

ADC**720**DW
(*Photo not available*)

Bullet Camera Pre-Packs:

- 1/3" interline color imager, NTSC format
- 330 TVL - color
- 1/3", 6 mm lens; 54° horizontal FOV
- 2.0 lux - color
- Sharp picture
- Sensitive to IR illumination and weather resistant

- Automatic electronic shutter
- Automatic gain control
- For indoor/outdoor use
- Auto tracing white balance
- 12 VDC input via included regulated power supply

- Diameter: 65 mm (2.5 in)
- Height: 105 mm (4.1 in)
- Weight: .55 kg (1.2 lbs)

ADC**722**WP

Motion Detector Camera Pre-Packs:

- Non-functional PIR detector housing
- 1/3" interline color imager, NTSC format
- 330 TVL - color
- 1/3", 3.7 mm lens; 90° horizontal FOV
- 2.0 lux - color

- Sharp picture
- For indoor use only
- Automatic electronic shutter
- Automatic gain control
- For indoor use only
- Auto tracing white balance

- 12 VDC input via included regulated power supply
- Dimensions: 70 × 110 × 49 mm (2.7 × 4.3 × 1.9 in)
- Weight: .18 kg (.40 lbs)

ADC**723**PIR

Warehouse managers can watch loading docks and platforms – the places most vulnerable to theft – 24/7 with fixed DSP cameras from American Dynamics, even when the lights are low.

American Dynamics fixed cameras let you know whether it is perception or reality when anyone gives even the vaguest appearance of wrongdoing.

CHOOSE A FIXED CAMERA THAT IS RIGHT FOR YOU

	STANDARD			WDR	TRUE DAY/NIGHT
	ADC660N/P	**ADC733**	**ADCSHR Series**	**ADC770**	**ADCTDN Series**
B&W or Color	B&W	Color	Color	Color	Color
Video Format	EIA or CCIR model dependent	NTSC	NTSC or PAL model dependent	NTSC	NTSC or PAL model dependent
Format	1/3" interline CCD	1/3" interline CCD	1/3" interline CCD	1/3" interline CCD	1/3" interline CCD
Resolution	580 TVL	330 TVL	540 TVL	480 TVL	540 TVL
Minimum Scene Illumination Color B&W	N/A 0.03 lux	0.5 lux N/A	0.7 lux 0.5 lux	0.4 lux N/A	0.4 lux 0.02 lux
Light Level	0.03 lux	0.5 lux	0.7 lux	0.4 lux	0.04 lux
Input Voltage	24 VAC or 12 VDC	24 VAC or 12 VDC	24 VAC/12 VDC or 230 VAC model dependent	24 VAC or 12 VDC	24 VAC/12 VDC or 230 VAC model dependent
Standard Lens	DC-type or EE-type auto iris	DC-type auto iris	DC-type or EE-type auto iris	DC-type or EE-type auto iris	DC-type or EE-type auto iris
Wide Dynamic Range	No	No	No	Yes	No
Night-Saver Mode	No	No	Yes	No	Yes
True Day/Night (Moving IR Cut Filter)	No	No	No	No	Yes
Automatic Backlight Compensation	Yes	Yes	Yes	Yes, plus 6-zones	Yes, plus 4-zones
Automatic Electronic Shutter	Yes	Yes	Yes	Yes	Yes
Digital Slow Shutter	No	No	No	Yes	No
Automatic Gain Control	Yes	Yes	Yes	Yes	Yes
Sensitive to IR Illumination	Yes	No	No	No	Yes
Body Color	Light Gray	Light Gray	Light Gray	Light Gray	Light Gray
Reference Page Number	10	10	11	11	11

Fixed Cameras

Black & White Camera, 1/3", 580 TVL, 0.03 lux:

- 1/3-inch interline black & white CCD
- 580 TVL resolution
- .03 lux low light sensitivity
- Sensitive to IR illumination
- Supports DC-type or EE-type auto iris lenses
- CS lens mount

- Automatic backlight compensation
- 24 VAC or 12 VDC input
- Dimensions: 55 x 55 x 120 mm (2.16 x 2.16 x 4.72 in)
- Unit weight: .400 kg (0.9 lbs)

ADC660**N**

ADC660**P**

Color Camera, 1/3", 330 TVL, 0.5 lux, CCD, DSP:

- 1/3" interline color CCD
- Digital Signal Processing (DSP)
- 330 TVL resolution
- .5 lux low light sensitivity
- Exceptional Auto White Balance (2,300°K to 10,000°K)
- Supports DC-type auto iris lenses
- C/CS lens mount

- Automatic electronic shutter (AES)
- Dual (H&V) edge enhancement
- Automatic gain control (AGC)
- Backlight compensation (BLC)
- Phase adjustable line-lock
- Internal isolation transformer
- Low 3.6 watt power consumption
- 24 VAC or 12 VDC input

- Dimensions: 58 x 50 x 126 mm (2.28 x 1.97 x 4.96 in)
- Unit weight: .360 kg (0.79 lbs)

ADC733

" The Water Plant certainly had extensive video requirements and, with the high quality and reliability American Dynamics products have had throughout the years, we elected to use their cameras and digital recorders."

—Stephen Martyn
  Owner
NuTech Security

AMERICAN DYNAMICS

Fixed Cameras

Color Camera, 1/3", Super High Resolution 540 TVL, 0.5 lux:

- 540 TVL with Night-Saver mode

- Available in 24 VAC/12 VDC NTSC, 24 VAC/12 VDC PAL or mains 230 VAC PAL

- Superior low-light performance

- Auto white balance (AWB) adjusts for accurate colors across a multitude of lighting conditions

- Automatic gain control (AGC), automatic electronic shutter (AES) and backlight compensation (BLC)

- Phase adjustable line-lock or internal synchronization

- Compatible with C/CS lenses, video or DC auto iris versions

- Available in camera pre-packs for easy ordering and installation

- ADCSHR2412 series:
  Dimensions:
  52 x 58 x 126 mm
  (2.0 x 2.28 x 4.96 in)

  Unit weight: 370 g (0.82 lbs)

- ADCSHR0230 series:
  Dimensions:
  67 x 63 x 126 mm
  (2.56 x 2.48 x 4.96 in)

  Unit weight: 713 g (1.57 lbs)

ADCSHR2412**N**
ADCSHR2412**P**
ADCSHR0230**P**

Color Camera, 1/3", 480 TVL, 0.4 lux, CCD with Wide Dynamic Range:

- 1/3'' interline color CCD

- Digital Signal Processing (DSP)

- 480 TVL resolution

- 0.4 lux low light sensitivity, .02 lux at 1/32 slow shutter

- Wide dynamic range (WDR)

- Automatic electronic shutter (AES) and digital slow shutter (DSS)

- Dual (H & V) edge enhancement

- Automatic gain control (AGC) with phase adjustable line-lock

- 6 backlight compensation zones

- On screen menus and camera titles

- Supports DC and video-type auto iris lenses

- C/CS lens mount

- 24 VAC or 12 VDC input

- Internal isolation transformer

- Dimensions:
  63 x 75 x 149 mm
  (2.5 x 3.0 x 5.9 in)

- Unit weight: .600 kg (1.32 lbs)

ADC770

True Day/Night Color Camera, 1/3", 540 TVL, 0.02 lux:

- 540 TVL True Day/Night with moving mechanical IR cut filter

- Available in 24 VAC/12 VDC NTSC, 24 VAC/12 VDC PAL or mains 230 VAC PAL

- Focus adjust mode for ease of installation and focus accuracy

- On-screen menu display for easy programming (such as camera titles)

- Monitor mode to optimize output for CRT or LCD displays

- Advanced pixel correction

- Factory default settings

- Auxiliary input and output

- Selectable 4 zone BLC

- Manual shutter mode

- Low-light performance down to 0.02 lux

- Auto white balance (AWB) adjusts for accurate colors across a multitude of lighting conditions

- Automatic gain control (AGC), automatic electronic shutter (AES) and backlight compensation (BLC)

- Phase adjustable line-lock or internal synchronization

- Compatible with C/CS lenses, video or DC auto Iris versions, including American Dynamics IR corrected lenses (vari-focal length)

- Available as camera pre-packs for easy ordering and installation

- Dimensions:
  67 x 63 x 126 mm
  (2.56 x 2.48 x 4.96 in)

- ADCTDN2412 series:
  Unit weight: 480 g (1.06 lbs)

- ADCTDN0230 series:
  Unit weight: 700 g (1.54 lbs)

ADCTDN2412**N**
ADCTDN2412**P**
ADCTDN0230**P**

Lenses

CHOOSE A LENS THAT IS RIGHT FOR YOU

1/3 INCH LENS COMPARISON TABLE							
Lens Type	Model Number	Focal Length	Aperature (F-stop)	View Angle Horizontal	Vertical	Minimum Object Distance	Size (D x L)
AUTO IRIS							
VARI-FOCAL	LD35814CS	3.5 to 8 mm	f1.4 to 360°	77.5° to 35.4°	57.6° × 26.6°	0.40 m (1.31 ft)	42.6 × 43.5 mm (1.67 × 1.71 in)
	ADCLVF3212DC	2.8 to 12 mm	f1.3 to 360°	98.2° to 23.8°	73.6° × 17.8°	0.30 m (0.98 ft)	37.5 × 56 mm (1.48 × 2.20 in)
	LD55013CS	5 to 50 mm	f1.3 to 360°	51.8° to 5.60°	39.2° × 4.30°	0.80 m (2.62 ft)	57.5 × 57.7 mm (2.26 × 2.27 in)
FIXED FOCAL	LD2616CS	2.6 mm	f1.6 to 360°	98.7°	74.9°	0.10 m (0.32 ft)	32 × 34.7 mm (1.26 × 1.37 in)
	LD0412CS	4 mm	f1.2 to 360°	63.9°	49.1°	0.20 m (0.65 ft)	32 × 33 mm (1.26 × 1.30 in)
	LD0812CS	8 mm	f1.2 to 360°	34.7°	25.9°	0.20 m (0.65 ft)	32 × 33 mm (1.26 × 1.30 in)
MANUAL IRIS							
VARI-FOCAL	L35814CS	3.5 to 8 mm	f1.4 to C	77.6° to 35.4°	57.6° × 26.6°	0.40 m (1.31 ft)	34 × 43.5 mm (1.34 × 1.71 in)
	ADCLVF3212MI	2.8 to 12 mm	f1.3 to C	9.28° to 23.8°	73.6° × 17.8°	0.30 m (0.98 ft)	40.7 × 56 mm (1.60 × 2.21 in)
	L55013CS	5 to 50 mm	f1.3 to C	51.5° to 5.60°	39.2° × 4.3°	0.80 m (2.62 ft)	47 × 57.7 mm (1.85 × 2.27 in)
FIXED FOCAL	L2616CS	2.6 mm	f1.3 to 11C	98.7°	74.9°	0.10 m (0.32 ft)	34.5 × 34.7 mm (1.36 × 1.37 in)
IR CORRECTED, AUTO IRIS							
VARI-FOCAL	LIRC0308CS	3.0 to 8 mm	f1.0 to 360°	90.8° to 36.2°	66.6° × 27.0°	0.20 m (0.65 ft)	33 × 47 mm (1.30 × 1.85 in)
	LIRC2811CS	2.8 to 11 mm	f1.4 to 360°	97.4° to 26.2°	72.4° × 19.7°	0.30 m (0.98 ft)	40 × 62.8 mm (1.57 × 2.47 in)
	LIRC1040CS	10 to 40 mm	f1.4 to 360°	27.6° to 7.0°	20.4° × 5.3°	0.40 m (1.31 ft)	43 × 71 mm (1.69 × 2.80 in)
1/2 INCH LENS COMPARISON TABLE							
AUTO IRIS							
VARI-FOCAL	LD41016CS	4.5 to 10 mm	f1.6 to 360°	81.3° to 36.2°	60.4° × 28.7°	0.30 m (0.98 ft)	42.6 × 43.5 mm (1.67 × 1.71 in)
FIXED FOCAL	LD3616CS	3.6 mm	f1.6 to 360°	99.2°	74.1°	0.20 m (0.65 ft)	32 × 33 mm (1.26 × 1.30 in)
	LD0614CS	6.0 mm	f1.4 to 360°	58.3°	44.3°	0.20 m (0.65 ft)	32 × 33 mm (1.26 × 1.30 in)
MANUAL IRIS							
VARI-FOCAL	L41016CS	4.5 to 10 mm	f1.6 to C	81.3° to 38.2°	60.4° × 28.7°	0.30 m (0.98 ft)	45 × 54.6 mm (1.77 × 2.15 in)
FIXED FOCAL	L1214CS	12 mm	1.4 to 16 C	30.4°	22.7°	0.30 m (0.98 ft)	34.5 × 33 mm (1.36 × 1.30 in)

Note: All DC lenses are terminated with a standard 4-pin DC iris connector for direct connection to American Dynamics cameras.

AMERICAN DYNAMICS™

Auto Iris Lenses:

- 1/3" and 1/2" formats
- CS mounts
- Color corrected optics
- Fixed and variable focal lengths
- Neutral Density (ND) filters
- Slip clutch on lens mount for easy positioning

Manual Iris Lenses:

- 1/3" and 1/2" formats
- CS mounts
- Color corrected optics
- High quality, compact design
- Fixed and variable focal lengths
- Slip clutch on lens mount for easy positioning

IR Corrected, Auto Iris Lenses:

- 1/3" formats
- CS mounts
- Advanced optical design eliminates shifts of focus in near infrared range
- Multi-layer coating prevents transmittance fall off in the infrared range
- Specifically designed for True Day/Night cameras and any high optical performance color camera
- Aspherical lens design provides outstanding image quality
- Built-in slip mount and ring locking mechanisms

3-8 mm lens
Wide angle lens appropriate for large expanses.

2-12 mm lens
Normal lens appropriate for viewing wide to intermediate scenes with more detail.

5-50 mm lens
Normal to telephoto lens appropriate for viewing large areas and zooming in for greater detail.

The importance of selecting the right lens for any application is often overlooked. The rule of thumb: shorter focal length or wide lenses (2 mm) provide wide angle views. Longer focal length or telephoto lenses (16 mm or greater) narrow the view and bring objects closer.

Lens/Camera, C/CS Adapter Ring:

- Spare lens/camera C/CS adapter ring

RVCADAP

2 SELECT A MODEL

IR CORRECTED LENS SELECTION GUIDE				
1 SELECT YOUR LENS FORMAT	**2 SELECT YOUR LENS TYPE**	**3 SELECT YOUR FOCAL TYPE**	**4 SELECT YOUR FOCAL LENGTH**	**5 SELECT A MODEL**
			3.0 mm to 8 mm	LIRC0308CS
1/3 inch	Auto	Vari-focal	2.8 mm to 11 mm	LIRC2811CS
			1.0 mm to 40 mm	LIRC1040CS

6 SELECT YOUR CAMERA ACCESSORIES

> Housings: pp. 17-18

> Housing mounts: p. 18

> Fixed camera mounts: p. 16

> Power supplies: p. 92

> IR illuminators: p. 19

With fixed cameras from American Dynamics focused on their vehicles – and license plates – drivers are less inclined to pass through a tollbooth without paying.

AMERICAN DYNAMICS

Lenses

2 SELECT A MODEL

AUTO & MANUAL LENS SELECTION GUIDE

1 SELECT YOUR LENS FORMAT	2 SELECT YOUR LENS TYPE	3 SELECT YOUR FOCAL TYPE	4 SELECT YOUR FOCAL LENGTH	5 SELECT A MODEL
1/3 inch	Auto	Vari-focal	3.5 mm to 8 mm	LD35814CS
			2.8 mm to 12 mm	ADCLVF3212DC
			5 mm to 50 mm	LD55013CS
		Fixed focal	2.6 mm	LD2616CS
			4 mm	LD0412CS
			8 mm	LD0812CS
	Manual	Vari-focal	3.5 mm to 8 mm	L35814CS
			2.8 mm to 12 mm	ADCLVF3212MI
			5 mm to 50 mm	L55013CS
		Fixed focal	2.6 mm	L2616CS
1/2 inch	Auto	Vari-focal	4.5 mm to 10 mm	LD41016CS
		Fixed focal	3.6 mm	LD3616CS
			6 mm	LD0614CS
	Manual	Vari-focal	4.5 mm to 10 mm	L41016CS
		Fixed focal	12 mm	L1214CS

Our fixed cameras and lenses capture the identity of every vehicle or person who comes and goes, driving criminal intent out from even the most remote corners of parking lots and garages.

Mounts

ADMC1361

ADMC1363

ADMC1362

ADMC1365

ADCMU

RHTBAR3-6

RH311

C2116-14

C2122-14

ADCM100T

RHTBAR-9

ADMC1366

Fixed Camera Mounts:

- Indoor mounts
- All mounts compatible with all American Dynamics cameras
- Up to 2.2 kg (5 lbs) capacity
- Up to 4.53 kg (10 lbs) capacity for ADCMU mounts
- Adjustable swivel heads

- Beige, gray or black enamel finish (depending on the model)
- Wall and ceiling mounts
- Attractive styling
- Refer to data sheet or www.americandynamics.net for dimensions and weights

ADMC1361	RHTBAR-9
ADMC1362	C2116-14
ADMC1363	C2122-14
ADMC1365	RH311
ADMC1366	ADCMU
ADCM100T	
RHTBAR3-6	

Fixed Camera Mount Kit:

- Indoor only
- Includes a 7.5" (191 mm) adjustable wall mount, mounting hardware and cable
- Includes a 120 VAC to 24 VAC power supply

RTHINDR

AMERICAN DYNAMICS

Indoor Wedge Camera Housing:

- Low-profile wedge shape

- Easy installation

- Suitable for use in open plenum ceilings

- All metal construction

- AD1301 has 231 mm (9.1") maximum camera/lens length

- AD1303 has 304 mm (12") maximum camera/lens length

- Tamper resistant

- Distortion free Lexan® viewing window

- AD1301 series dimensions:
    Total: 165.1 × 120.7 × 295.3 mm
    (6.6 × 4.75 × 11.63 in)
    Above ceiling: 76.2 × 85.7 × 231.8 mm
    (3.0 × 3.38 × 9.13 in)
    Below ceiling: 88.9 × 120.7 × 295.3 mm
    (3.5 × 4.75 × 11.63 in)
    Weight: 1.82 kg (4 lbs)

- AD1303 series dimensions:
    Total: 208 × 158.8 × 377.8 mm
    (8.19 × 6.25 × 14.88 in)
    Above ceiling: 102 × 127 × 317.5 mm
    (4.0 × 5.0 × 12.5 in)
    Below ceiling: 106 × 158.8 × 377.8 mm
    (4.25 × 6.25 × 14.88 in)
    Weight: 3.75 kg (8.25 lbs)

Housings
AD**1301**
AD**1303**

Mounts
AD**1301**DCM
AD**1303**DCM
AD**1303**RK

Indoor Corner Camera Housing:

- Corner-mounted

- Heavy-gauge steel construction

- 203 mm (8") maximum camera/lens length

- Tamper resistant

- Distortion-free Lexan viewing window

- Perfect for use in elevators

- Easy to install

- Dimensions:
    238.1 × 242.9 × 241.3 mm
    (9.37 × 9.6 × 9.5 in)

- Weight: 4.13 kg (9.1 lbs)

AD1305

Indoor Flat Lens, In-Ceiling Camera Housing:

- Easy installation

- All metal back box construction

- Suitable for use in open plenum ceilings

- Compact, attractive design

- Perfect for low ceiling applications

- Provides fixed camera capability in an unobtrusive design

- Dimensions:
    Total: 193.4 × 245 mm (7.62 × 9.65 in)
    Above ceiling: 158 × 187.6 mm
    (6.23 × 7.39 in)
    Below ceiling: 35.4 × 245 mm
    (1.40 × 9.65 in)

- Weight: 1.32 kg (2.9 lbs)

RHOPTFLENS

Indoor Tamper-Resistant Housing/Mount Kit:

- Includes housing, wall mount and mounting hardware

- Tamper-resistant screws in housing and mount

- 254 mm (10") maximum camera/lens length

- 3/16-inch thick Lexan window

- Adjustable head with 360° pan and 90° tilt

- Sturdy steel construction

RH410

Housings
& MOUNTS

Indoor/Outdoor 10" (241 mm) Universal Camera Housing:

- Indoor/outdoor housings
- Accommodates most camera/lens combinations
- Cover opens 180° for easy camera access
- Tough high-impact polymer construction
- IP4/NEMA-3R protection
- 24 VAC blower and heater options available

- Tamper resistant
- Dimensions: 163 × 146 × 348 mm (6.50 × 5.75 × 13.75 in)
- Unit weight: Without sunshield: 1.4 kg (3 lbs) With sunshield: 1.9 kg (4.4 lbs)

Housings
ADCH10
ADCH10**B**
ADCH10**H**
ADCH10**HB**

Housing & Mount
ADCH10**MT8**
ADCH10**HBMT8**

Accessory
ADCH10**SS**

Indoor/Outdoor 12" (304 mm) Universal Camera Housing:

- Indoor/outdoor housings
- Accommodates most camera/lens combinations
- Cover opens 180° for easy camera access
- Tough high-impact polymer construction
- IP4/NEMA-3R protection
- 24 VAC blower and heater options available

- Tamper resistant
- Dimensions: 41 × 158 × 449 mm (5.56 × 6.2 × 17.68 in)
- Unit Weight: Without sunshield: 1.8 kg (4 lbs) With sunshield: 3.2 kg (7 lbs)

Housings
AD1314
AD1314-**HB24**

Accessories
AD1314-**B24**
AD1314-**H24**
AD1314-**SS**

Indoor/Outdoor 12" (304.8 mm) Housing/Mount Kit:

- Includes universal camera housing, wall mount, 120 VAC to 24 VAC transformer, mounting hardware and cable
- Accommodates most camera/lens combinations
- Cover opens 180° for easy camera access
- Tough high-impact polymer construction
- IP4/NEMA-3R protection
- 24 VAC blower and heater included
- Tamper-resistant

RTHOUTDR

Housing Mounts:
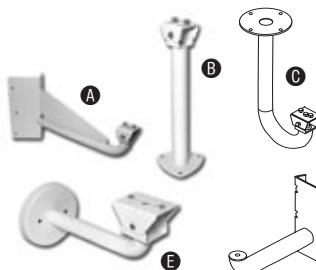
- Indoor/outdoor mounts
- Load capacity: up to 8 kg (18.6 lbs)
- Adjustable swivel head
- Beige or black enamel finish to complement housing
- Concealed cabling

Ⓐ ADCHMT**CRNR**
Ⓑ ADCHMT**PED**
Ⓒ ADCHMT**CEIL**
Ⓓ ADCHMT**POLE**
Ⓔ ADCHMT**WALL**

AMERICAN DYNAMICS

IR Illuminator

IR Illuminator:

- Long life LED

- 15 watts

- Operating voltage of 12 VDC (± 0.5 V)

- Current: 1.25 A (Amps)

- Infrared wavelength: 950 nm

- Nominal light range* of 15 m (49 ft)

- 40° beam dispersion

- IP66 rating (NEMA-3), indoor/outdoor

- Service life over 100,000 hours

- Use with black & white camera, see p. 10

- Dimensions: 66 x 66 x 55 mm (2.6 x 26 x 2.2 in)

- Weight: .35 kg (.77 lbs)

AD1020-**1541**

Accessory

AD1020-**15PS**

* Nominal range is based on the usage of a CCD camera with 15% IR-sensitivity at f1.4, 50% medium scene reflectance.

Parking lots and garages are high risk areas, not only for crime but also for premise liability lawsuits that can result from such incidents. Video surveillance from American Dynamics protects the integrity of your operations by protecting the people who visit your facilities. Our infrared illuminators penetrate the darkest areas without revealing the presence of a camera while capturing anything suspect on video.

SpeedDomes, Drones, Controllers & Accessories

Over 175 SpeedDome programmable dome cameras keep tabs on major traffic arteries throughout central Florida. From Orlando to Tampa and out to Cape Canaveral, American Dynamics domes put state transportation officials front and center at the scene of an accident or suspicious activity. Video feeds supply key information to law enforcement and news media during emergency situations and daily commutes.

SpeedDome programmable dome cameras give you a comprehensive view that you simply cannot get from a fixed camera. Our technology delivers the details of your target, zooming in or out in less than a second to capture the image you need the instant an alarm goes off. Our innovative Zoom-Adjusted Programming (ZAP) lets you pan, tilt and zoom in every direction, automatically adjusting the pan and tilt speed in proportion to the zoom. Additional features enable you to conduct a virtual patrol of your facility whether or not someone is manning the controls. Auto-focus with manual override renders a clear picture every time. From the most distant corner of a parking garage to the maze of hallways throughout a building, SpeedDome programmable dome cameras take you everywhere you need to see.

SpeedDome Ultra 8:

Equipped with wide dynamic range, true Day/Night and Electronic Image Stabilization (EIS), SpeedDome Ultra 8 with 35x and 540 TVL allows users to see farther and clearer than ever before. A 12x digital magnifier with 35x optical zoom yields a total zoom of 420x. This series also features privacy zones, on-screen programming, alarm inputs and DirectSet for fast access to the most frequently used functions. A choice of black or white camera assemblies is available.

SpeedDome Ultra 8 with 22x delivers excellent color images in scenes as dim as .02 lux. This series combines 22x optical zoom and 11x digital zoom for 242x total zoom and has low-light capability of .004 lux. Like the SpeedDome Ultra 8 with 35x, this series also includes DirectSet, privacy zones, on-screen programming and alarm inputs.

SpeedDome Optima:

Powered with 22x optical zoom and 11x digital zoom for a total of 242x zoom, SpeedDome Optima delivers high quality color images. The series includes an alarm imput, 96 user-programmable presets three patterns, and a pre-wired harness for easy installation and servicing. Compatible with any American Dynamics controller or matrix/switcher controller system, Optima is available in outdoor models only.

SpeedDome Optima LT:

SpeedDome Optima LT includes the same features as a standard dome — all for an impressively low price. Optima LT renders high quality color images and offers up to 242x zoom (22x optical and 11x digital zoom), 96 user-programmable presets and three patterns. It is compatible with most American Dynamics controllers or matrix/switcher controller systems and designed for indoor use only.

SpeedDomes

CHOOSE A DOME THAT IS RIGHT FOR YOU

DOME COMPARISON TABLE			
	SpeedDome Ultra 8	**SpeedDome Optima** (Outdoor)	**SpeedDome Optima LT** (Indoor)
Optical Zoom	35x	22x	22x	22x
Total Zoom	420x	242x	242x	242x
Digital Zoom	12x	11x	11x	11x
CCD Imager	1/4", 540 lines (CCD center)	1/4", 470 lines (CCD center)	1/4", 470 lines (CCD center)	1/4", 470 lines (CCD center)
Minimum Illumination (20IRE, AGC)	0.24 lux (Color) 0.021 lux (B/W IR mode)	0.3 lux (Color)	1.5 lux (Color)	1.5 lux (Color)
Day/Night	Yes	No	No	No
Wide Dynamic Range	Yes	No	No	No
Electronic Image Stabilization	Yes	No	No	No
Programmable Presets	Up to 96 (controller dependent)*	Up to 96 (controller dependent)*	Up to 96 (controller dependent)*	Up to 96 (controller dependent)*
Freeze-Frame on Presets	Yes	Yes	No	No
Programmable Patterns	16	16	3	3
Preset, Area, Pattern Naming	Up to 19 characters (user-defined)	Up to 19 characters (user-defined)	No	No
Privacy Zones	Up to 8	Up to 8	No	No
Direction Indicators	Yes	Yes	No	No
Programmable Sequences	16	16	No	No
Auto Home Position	Yes	Yes	Yes	Yes
Alarm Inputs & Outputs	Up to 4 inputs/outputs, base/housing dependent	Up to 4 inputs/outputs, base/housing dependent	one	No
Auto Focus/Iris	Yes	Yes	yes	Yes
Zoom Adjusted Programming	Yes	Yes	yes	Yes
Password Protection	Yes	Yes	No	No
I/O Memory Base	Yes	No	No	No
Lens Focal Length	3.4 to 119 mm	4 to 88 mm	4 to 88 mm	4 to 88 mm
Lens Maximum Aperture	f1.4	f1.6	f1.6	f1.6
Communication Protocols*	RS-422/RS-485, Manchester, SensorNet, AD UTC	RS-422/RS-485, Manchester, SensorNet, AD UTC	RS-422/RS-485, Manchester & SensorNet	Manchester, SensorNet & Simplex RS-422/RS-485
Reference Page Numbers	23-26	23-26	27-28	27-28

Refer to chart on p. 29.

AD AMERICAN DYNAMICS™

1 CHOOSE FEATURES THAT MAKE A DIFFERENCE

22x series:

- 22x optical zoom with 11x digital magnifier (242x total zoom)

- Advanced digital signal processing (DSP) CCD camera

- Freeze frame on presets (user-selectable on/off)

- Open shutter to capture images in very low directional light

- Select from two housing/eyeball assembly colors: black or white

- Continuous auto focus

- Zoom adjusted programming

- Dome usage statistics

- Password protection

- Integrated Unshielded Twisted Pair (UTP) simplifies wiring and installation

- Store presets and patterns with I/O base memory

- Supports SensorNet, RS-422, Manchester, AD UTC, NTCIP and select competitor's protocols*

- Dome-generated on-screen text including direction indicators

- Up to eight privacy zones

- Programmable presets, patterns and area names

- DirectSet feature provides fast access to the most frequently used dome features

- Up to 96 presets (controller dependent)

- Alarm inputs and outputs

- Automatic home position

- Automatic proportional flip and automatic gain control, line-lock and white balance (user-selectable on/off)

35x series; includes ALL the features (listed left) **PLUS** the following:

- 35x optical zoom with 12x digital magnifier (420x total zoom)

- Wide dynamic range

- Day/night color-to-monochrome mode

- Electronic Image Stabilization (EIS)

- Dimensions:
  Height: 205 mm (8 in)
  Diameter: 120 mm (4.7 in)

- Weight:
  Housing and Eyeball: 1.18 kg (2.6 lbs)
  Base (with I/O board): .16 kg (.35 lbs)

Contact your sales representative for details on competitors' protocol support.

SpeedDome Ultra 8

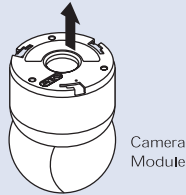## A NOTE ABOUT THE DOME ASSEMBLY:

A dome assembly is comprised of two individual components:

1. Camera Module

2. I/O Board Mounting Base
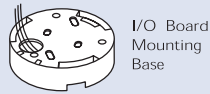
I/O Board Mounting Base

We offer an **I/O Board Mounting Base** which makes installation as easy as screwing in a lightbulb with just three simple steps:
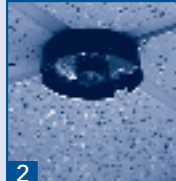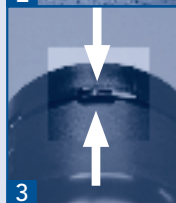
Camera Module

1) Connect the composite cables for power, communication and video to the I/O PC board in the mounting base.

1

2) Secure the mounting base to the ceiling or desired location.

2

3 & 4) Connect the housing and eyeball assembly to the base by aligning the cap and base tabs, and then turning the housing clockwise until you hear a click. Once the housing is secured, only the florescent dot will be seen.

3

4

5) Dome is mounted and ready-to-go. Wait a few seconds for dome to begin its homing routine. This mounting base supports four alarm inputs and three alarm outputs.
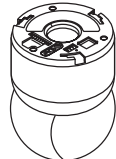
5
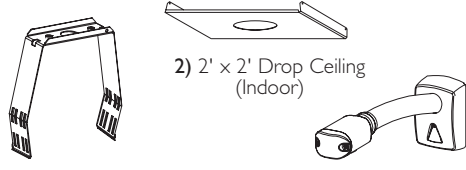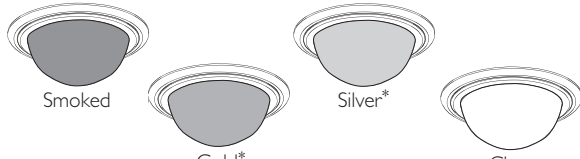
2 ORDERING OPTIONS

1. EACH COMPONENT INDIVIDUALLY
    camera module, mounting base, mount, housing and bubble.

    or

2. A PRE-CONFIGURED DOME KIT, which includes the following components:

   A Camera Module *(Color with Day/Night mode)*

   B I/O Board Mounting Base *(if applicable)*

   C Mounts
   1) Hard Ceiling, **2)** 2'×2' Drop Ceiling or **3)** Long Wall

   D Housings
   1) Top hat housing for indoor applications
   2) Environmental housing for outdoor applications

   E Bubbles *(smoked or clear)*

A Camera Module	**B** I/O Board Mounting Base

C Mounts

2) 2' × 2' Drop Ceiling (Indoor)

1) Hard Ceiling *(Indoor)*   **3)** Long Wall *(Outdoor)*

D Housings

1) Top Hat *(Indoor)*   **2)** Indoor & Outdoor

E Bubbles

Smoked   Silver*

Gold*   Clear

* Indoor use only.

AD AMERICAN DYNAMICS™

3 SELECT A MODEL

SELECTION GUIDE

1 SELECT YOUR ENVIRONMENT	**2** SELECT A ZOOM	**3** SELECT A DOME FINISH	**4** SELECT A MODEL
INDOOR Dome assembly*	35x *(includes 540 TVL, WDR, Day/Night & EIS)*	BLACK	ADSDU835IO**N** ADSDU835IO**P**
		or	
		WHITE	ADSDU835WIO**N** ADSDU835WIO**P**
	22x	BLACK	ADSDU822IO**N** ADSDU822IO**P**
		or	
		WHITE	ADSDU822WIO**N** ADSDU822WIO**P**
OUTDOOR Camera module only	35x *(includes 540 TVL, WDR, Day/Night & EIS)*	BLACK	ADSDU835**N** ADSDU835**P**
		or	
		WHITE	ADSDU835W**N** ADSDU835W**P**
	22x	BLACK	ADSDU822**N** ADSDU822**P**
		or	
		WHITE	ADSDU822W**N** ADSDU822W**P**

5 SELECT YOUR ACCESSORIES

> Housings & Bubbles: pp. 31-32   > Controllers: p. 39   > Installation/Removal tool: p. 42

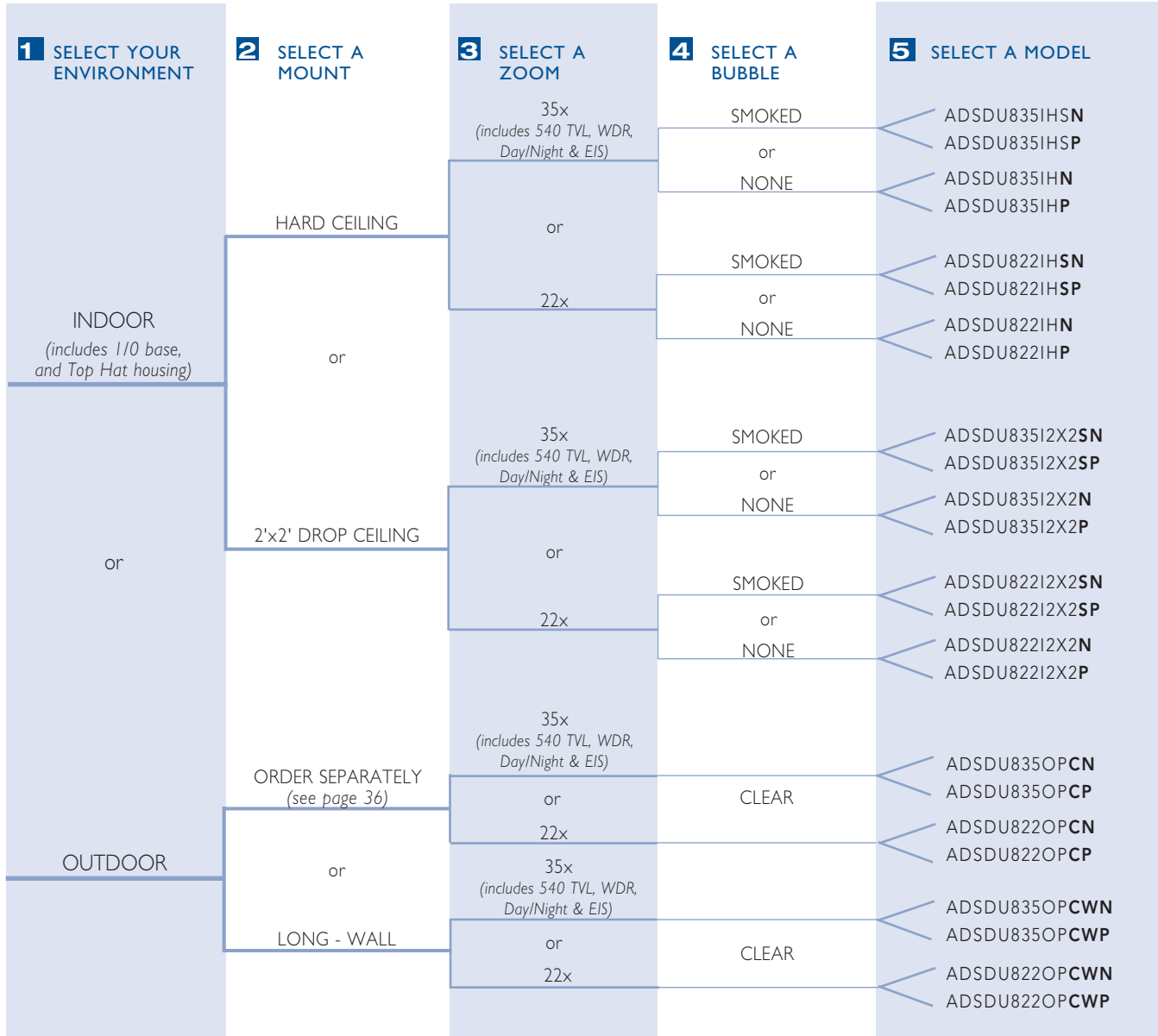> Mounts: pp. 33-36   > J-Boxes: p. 40   > Power supplies: p. 92
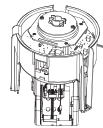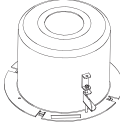
Note: N = NTSC and P = PAL
* Includes camera module and mounting base

SpeedDome Ultra 8

3 SELECT A MODEL — DOME KITS

SELECTION GUIDE

1 SELECT YOUR ENVIRONMENT	**2** SELECT A MOUNT	**3** SELECT A ZOOM	**4** SELECT A BUBBLE	**5** SELECT A MODEL
INDOOR *(includes 1/0 base, and Top Hat housing)*	HARD CEILING	35x *(includes 540 TVL, WDR, Day/Night & EIS)* or 22x	SMOKED or NONE	ADSDU835IH**SN** / ADSDU835IH**SP** / ADSDU835IH**N** / ADSDU835IH**P**
			SMOKED or NONE	ADSDU822IH**SN** / ADSDU822IH**SP** / ADSDU822IH**N** / ADSDU822IH**P**
or	2'x2' DROP CEILING	35x *(includes 540 TVL, WDR, Day/Night & EIS)* or 22x	SMOKED or NONE	ADSDU835I2X2**SN** / ADSDU835I2X2**SP** / ADSDU835I2X2**N** / ADSDU835I2X2**P**
			SMOKED or NONE	ADSDU822I2X2**SN** / ADSDU822I2X2**SP** / ADSDU822I2X2**N** / ADSDU822I2X2**P**
OUTDOOR	ORDER SEPARATELY *(see page 36)* or	35x *(includes 540 TVL, WDR, Day/Night & EIS)* or 22x	CLEAR	ADSDU835OP**CN** / ADSDU835OP**CP** / ADSDU822OP**CN** / ADSDU822OP**CP**
	LONG - WALL	35x *(includes 540 TVL, WDR, Day/Night & EIS)* or 22x	CLEAR	ADSDU835OP**CWN** / ADSDU835OP**CWP** / ADSDU822OP**CWN** / ADSDU822OP**CWP**

6 SELECT YOUR ACCESSORIES

> Housings & Bubbles: pp. 31-32

> Mounts: pp. 33-36

> Controllers: p. 39

> J-Boxes: p. 40

> Installation/Removal tool: p. 42

> Power supplies: p. 92

Note: N = NTSC and P = PAL

AMERICAN DYNAMICS
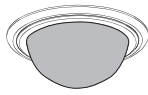
1 CHOOSE FEATURES THAT MAKE A DIFFERENCE

- Color camera with up to 242x zoom (22x optical, 11x digital)

- 470+ lines horizontal resolution

- Zoom adjusted programming

- Auto focus and auto iris

- Auto white balance

- Automatic gain control

- Line-lock

- Supports Manchester, SensorNet and Simplex RS-422 protocols

- Integrated Unshielded Twisted Pair (UTP) simplifies wiring and installation

- Up to 96 user-definable presets

- Three user-definable patterns

- Power-on functional tests

- LED diagnostics

- Easy to install and service

- Priced comparably to a PTZ, with more features and easier to install

- Stepper motors with micro-step control

- Automatic home position

- In-ceiling series dimensions:
  Total: 301 x 190.5 mm (11.9 x 7.5 in)
  Above ceiling: 207.4 x 190.5 mm
  (8.2 x 7.5 in)
  Below ceiling: 92.7 x 178 mm
  (3.65 x 7 in)

- In-ceiling series weight: 2.5 kg (5.5 lbs)

- Integral housing series dimension:
  303 x 243.5 mm (11.9 x 9.6 in)

- Integral housing series weight: 2.7 kg (6.1 lbs)
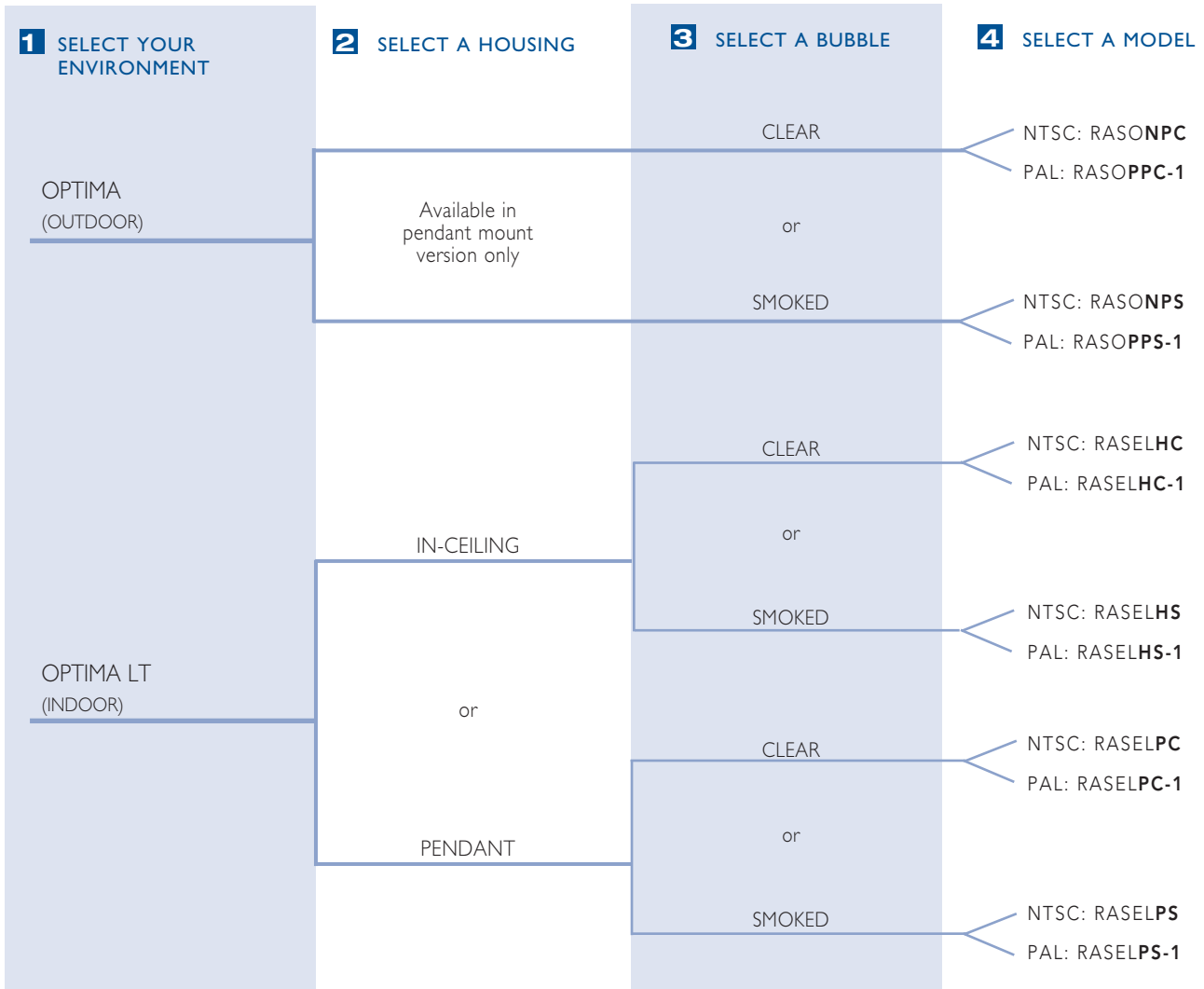
2 ORDER A PRE-CONFIGURED DOME KIT

CONTENTS OF A DOME KIT:

Ⓐ Color Camera Module

Ⓑ Housing

Ⓒ Bubble (smoked or clear)

Ⓐ Color Camera Module

Ⓑ Housings

In-ceiling
(Indoor)

Pendant
(Indoor/Outdoor)

Ⓒ Bubbles

Smoked

Clear

SpeedDome Optima & SpeedDome Optima LT

3   SELECT A MODEL — DOME KITS

SELECTION GUIDE

1 SELECT YOUR ENVIRONMENT	**2** SELECT A HOUSING	**3** SELECT A BUBBLE	**4** SELECT A MODEL
OPTIMA (OUTDOOR)	Available in pendant mount version only	CLEAR or SMOKED	NTSC: RASO**NPC** PAL: RASO**PPC-1** NTSC: RASO**NPS** PAL: RASO**PPS-1**
OPTIMA LT (INDOOR)	IN-CEILING or PENDANT	CLEAR or SMOKED CLEAR or SMOKED	NTSC: RASEL**HC** PAL: RASEL**HC-1** NTSC: RASEL**HS** PAL: RASEL**HS-1** NTSC: RASEL**PC** PAL: RASEL**PC-1** NTSC: RASEL**PS** PAL: RASEL**PS-1**

5   SELECT YOUR ACCESSORIES

> Mounts: pp. 33-36   > J-Boxes: p. 40   > Power supplies: p. 92

> Controllers: p. 39   > Other accessories: p. 42

AMERICAN DYNAMICS™

NUMBER OF PRESETS PER DOME

Controller, DVR or Matrix Switcher	Protocol	SpeedDome Ultra 8	SpeedDome Optima	SpeedDome Optima LT
		Number of Presets		
ADTT16E	SensorNet	96	96	96
	RS-422*	94	96	96
MegaPower LT	AD-UTC	96	96	96
	SensorNet	96	96	96
MegaPower 48 Plus	SensorNet	96	96	96
	Manchester	64	64	64
	RS-422	96	96	96
MegaPower 3200	Manchester**	64	64	64
	RS-422†	60	60	60
Intellex	SensorNet‡	96	96	96
	RS-422§	96	96	96
EDVR	RS-422 (Simplex)	10	96	96
Third party interfaces	RS-485	96	N/A	N/A
	RS-422	96	N/A	N/A

SUPPORTED PROTOCOLS

RS-485/RS-422	Yes	Yes	Yes, Simplex only
NTCIP	Yes	No	No
SensorNet	Yes	Yes	Yes
Manchester	Yes	Yes	Yes
AD-UTC	Yes	No	No
Pelco Coaxitron	Yes	No	No
Pelco "P"	Yes	No	No
Panasonic UTC	Yes	No	No
Vicon RS-422	Yes	No	No

*   Using SensorNet-to-RS-422 converter (model number RCSN422).
** Using Manchester code distributor (model number AD2091).
†   Using RS-422 code distributor (model number AD2083-02C).

‡   Using USB CCTV Control Module (Model number ADACSNET).
§   Requires USB to RS-422 adaptor.

Watch traffic flow more smoothly with the new SpeedDome Ultra 8 with 35x, which features Electronic Image Stabilization (EIS) to reduce the effects of vibration that can result when cameras are mounted on poles next to a highway.

SpeedDome Ultra Pressurized Outdoor Housing:

- Durable engineered plastic top, UV protected

- Temperature-controlled interior environment

- Heater and blower standard

- IP67/NEMA 4x

- Pressurized to 5 psi with a Schrader valve

- Low pressure alarm

- Pendant, wall or corner mount available

- Bubble assembly affixed to the top with nine screws

Pressure relief valve

- Includes integrated I/O base with diagnostic power and communications LEDs *(Note: I/O base used does not currently support storage of presets/patterns/programming)*

- Surge and lightning protection of video, communications, alarm input and output and power

- Choose from clear or smoked bubble

- Dimensions:
  Height: 325 mm (12.8 in)
  Diameter: 409 mm (16.1 in)

- Weight with dome: 3.63 kg (8.0 lbs)

RHODULP-**01**

RHODULP-**02**

Accessories

WM20G *(Wall mount)*

ACA2 *(Corner mount)*

APM3 *(Pole mount)*

RHONKIT*
(Nitrogen recharge kit)

RHONREG
(Regulator & Hose)

RHONTANK
(Nitrogen recharge tank)

* Contact your salesperson for recharge kit availability in your geographic region.

Note: For proper performance, this dome housing must be pressurized using 99.998% dry nitrogen.

Outdoor Housings:

- Reinforced high-impact design

- Temperature-controlled interior environment

- Choose from clear or smoked bubble

- IP66/NEMA 4

- Class 2 LPS certified

- On demand fog and defrost heater cycle modes prevent and quickly remove accumulated ice

- Includes integrated I/O base that can store presets/patterns programming to base

- Four tamper-resistant screws with driver bit included

- Surge and lightning protection of video, communications, alarm input and output and power

- Four alarm inputs, one output

- Integrated Unshielded Twisted Pair (UTP) simplifies wiring and installation

- Dimensions:
  Height: 321 mm (12.64 in)
  Diameter: 244 mm (9.61 in)

- Weight with dome: 3.15 kg (6.95 lbs)

- Weight without dome: 2.06 kg (4.54 lbs)

ADSDUH**OC**

ADSDUH**OS**

Ride the Metro in Washington, D.C. and you might glimpse an American Dynamics SpeedDome. It's just one example of how our technology maintains public safety throughout the most heavily traveled transportation corridors.

Housings & Bubbles

Indoor Housings:

- Reinforced high-impact design
- Choose from clear or smoked bubble
- Four tamper-resistant screws with driver bit included
- Visually identical to the outdoor version to maintain consistent appearance

- Dimensions:
  Height: 321 mm (12.64 in)
  Diameter: 244 mm (9.61 in)
- Weight with dome: 2.8 kg (6.17 lbs)

ADSDUPI**HC**

ADSDUPI**HS**

Vandal Resistant Housings:

- Temperature-controlled interior environment
- On demand fog and defrost heater cycle modes prevent and quickly remove accumulated ice
- Includes integrated I/O base that can store presets/patterns programming to base
- Stainless steel bubble cage and choose from clear or smoked bubble
- Durable bubble meets impact standard ANSI 87.1
- Retrofit kit available to upgrade existing SpeedDome Ultra housings
- Reinforced high-impact design; four tamper-resistant screws with driver bit included

- Surge and lightning protection of video, communications, alarm input and output and power
- Four alarm inputs, one output
- Integrated Unshielded Twisted Pair (UTP) simplifies wiring and installation
- IP66/NEMA 4
- Class 2 LPS certified
- ADSDUHOVR series

  Height: 321 mm (12.64 in)
  Diameter: 244 mm (9.61 in)
  Weight with dome: 3.86 kg (6.07 lbs)

- ADSDUPIVR series
  Height: 321 mm (12.64 in)
  Diameter: 75.3 mm (6.93 in)
  Weight with dome: 2.8 kg (6.17 lbs)

ADSDUH**OVC**

ADSDUH**OVS**

ADSDUPI**VRC**

ADSDUPI**VRS**

Upgrade Kits
RH**CLR**VRKIT

RH**SMK**VRKIT

Indoor Top Hat Housing:

- Metal enclosure houses a dome
- Includes trim ring and plastic base
- Mounts directly to a ceiling or indoor mounting structure

- Plenum rated
- Dimensions: 157 × 175 × 175 mm (6 × 7 × 7 in)
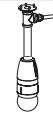- Weight: .77 kg (1.77 lbs)

RHIUTH

Bubbles:
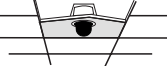
- For use with SpeedDome Ultra series domes *(Indoor only)*
- Requires RHIUTH Top Hat indoor housing
- Provides attractive finish

- Available in clear, silver, smoked and gold finishes
- Diameter: 176 mm (6.93 in)
- Depth: 86.5 mm (3.4 in)
- Weight: 13 kg (4.4 oz) with trim ring

RU**CLR**

RU**SLV**

RU**SMK**

RU**GLD**

AD AMERICAN DYNAMICS™

CHOOSE A MOUNT OR ADAPTER FOR ANY APPLICATION

- Complete line of indoor and outdoor mounts to suit any mounting requirement
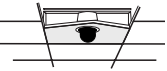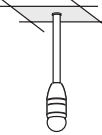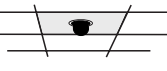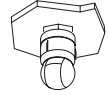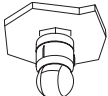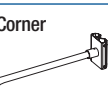- Compatible with SpeedDome Ultra and Optima series, plus the Ultra Drone series

- Lightweight and aesthetic
- Choose from a variety of ceiling, wall, pendant, corner, pole and over-the-roof models

- Ground-level assembly of dome/housing/end-cap for safe and efficient installations

INDOOR MOUNTING OPTIONS

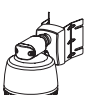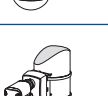| Mount	Description	Compatibility	Construction	Dimensions	Weight	Model #
I-Beam Mount Assembly	This assembly allows the dome to be suspended from an I-beam; and includes a clamp, pipe tee nipple and flange. The clamp attaches to a 1.25" pipe, provided by the customer, then affixes to the pendant hardware. The housing or dome assembly also mounts to the structure.	SpeedDome Ultra Series	Steel and Galvanized steel	6 m [max.] x 293 x 127 mm (20 ft [max.] x 12 x 5 in)	2.9 kg (6.4 lbs)	RHIUIBM
Indoor Pendant Mount	This mount suspends a SpeedDome Ultra or a SpeedDome Optima housing from a ceiling or horizontal surface. It can be installed using either 1.25" NPT threaded pipe or rigid conduit, new or existing, up to 10' (3 meters) in length.	SpeedDome Ultra and Optima Series	Powder-coated aluminum and ABS plastic	115 x 120 x 120 mm (4.5 x 5 x 5 in)	1.8 kg (4 lbs)	RHOPN
Hard Ceiling Bracket	This bracket enables the Top Hat housing to be recessed in the ceiling (requires RHIUTH Top Hat). The bracket is mounted to the Top Hat and installed in a hole cut in the ceiling — perfect for sheet rock, plaster or solid ceilings. The hard ceiling bracket can be installed entirely from below the ceiling; the installer will not have to access the area above the ceiling to install it.	SpeedDome Ultra Series	Galvanized steel	212 x 179 x 56 mm (8 x 7 x 2 in)	.70 kg (1.6 lbs)	RHIUHC
Fixed Bracket	Used with the RHIUTH Top Hat, this bracket enables the housing to be recessed in the ceiling or in a 2-foot drop ceiling tile. The bracket is mounted to the Top Hat housing and installed in a hole cut in the ceiling. The bracket distributes the weight of the dome and Top Hat housing across the T-bar framework of the ceiling. It is also very useful for sheet rock, plaster, or solid ceilings.	SpeedDome Ultra Series	Galvanized steel	180 x 632 x 100 mm (7 x 24 x 4 in)	1.8 kg (4 lbs)	RHIUFB
Adjustable Bracket	Used with the RHIUTH Top Hat, this bracket enables the housing to be recessed in drop ceilings that utilize anything other than 2-foot grids. The bracket distributes the weight of the dome and the Top Hat housing across the T-bar framework of the ceiling and is adjustable from 632-1219 mm (24-48 in)	SpeedDome Ultra Series	Galvanized steel	180 x 1219 x 100 mm (7 x 48 x 4 in)	2.3 kg (5 lbs)	RHIUAB
2' x 2' Tile Mount	This mount enables the Top Hat housing to be recessed in a 2' x 2' drop tile ceiling. The ceiling tile is removed and the white tile mount is simply dropped in its place. A Top Hat housing and plastic base are included in the kit.	SpeedDome Ultra Series	Powder-coated aluminum and ABS plastic	190 x 607 x 607 mm (7 x 24 x 24 in)	2.7 kg (6 lbs)	RHIU2X2M
2' x 2' Tile Pendant Mount	This mount enables the pendant mount to be installed in a 2' x 2' drop tile ceiling. The Top Hat housing/dome assembly also mounts to the structure. The mounting kit includes a 2' x 2' plate and pendant hardware. The plate attaches to a 1.25" pipe, provided by the customer, then affixes to the Top Hat housing/dome assembly. If mounting a SpeedDome Optima with this model, a RHOPN ceiling pendant mount kit is required.	SpeedDome Ultra and Optima Series	Powder-coated aluminum and ABS plastic	47 x 605 x 605 mm (2 x 23 x 23 in)	5.4 kg (12 lbs)	RHIU2X2P
2' x 2' Tile Mount Plate	This mount enables the dome to be recessed in a 2' x 2' drop tile ceiling. The ceiling tile is removed and the tile mount is simply dropped in its place.	SpeedDome Optima Series	Painted aluminum	47 x 605 x 605 mm (2 x 23 x 23 in)	1.7 kg (3.8 lbs)	RH2X2

Indoor Mounts & Adapters

INDOOR MOUNTING OPTIONS

Mount	Description	Compatibility	Construction	Dimensions	Weight	Model #
3.5" x 3.5" Mounting Plate	This mounting plate attaches the dome to a standard 3.5" x 3.5" duplex electrical box that is installed in the ceiling. The Top Hat housing/dome assembly also mounts to the structure.	SpeedDome Ultra Series	Galvanized steel	2 x 90 x 90 mm (.08 x 3 x 3 in)	.09 kg (.2 lbs)	RHIU3X3
4" x 4" Mounting Plate	This mounting plate attaches the dome to a standard 4" x 4" duplex electrical box that is installed in the ceiling. The Top Hat housing/dome assembly also mounts to the structure.	SpeedDome Ultra Series	Galvanized steel	2 x 105 x 105 mm (.08 x 4 x 4 in)	.14 kg (.3 lbs)	RHIU4X4
Wall/Corner Mount	This mounting structure attaches directly to a flat wall, inside corner or outside corner. The Top Hat housing/dome assembly mounts to the structure for a quick and easy installation.	SpeedDome Ultra Series	Galvanized steel	With dome installed 224 x 101 x 201 mm (9 x 4 x 8 in)	1.8 kg (4 lbs)	RHIUCM
Long Wall/Corner Mount	This mount, 24" (.6 m), positions the dome away from the wall, enabling it to see over furniture, shelving and displays. It attaches directly to a flat wall, inside corner, or outside corner. The Top Hat housing/dome assembly also mounts to this structure.	SpeedDome Ultra Series	Painted steel	With dome installed 413 x 123 x 772 mm (17 x 5 x 31 in)	2.7 kg (6 lbs)	RHIULWM
Short Wall Mount with End Cap Assembly	This mounting structure attaches directly to a flat wall. When used with the RHOWCA corner bracket adapter or RHOWPA pole strap adapter it can be affixed to corners as well as poles. A mounting cover conceals the mounting plate for a more attractive appearance.	SpeedDome Ultra and Optima Series	Powder-coated aluminum, ABS plastic and fiber-filled PVC	With dome installed 366 x 218 x 282 mm (14 x 9 x 11 in)	1.3 kg (3 lbs)	RHOSW
Long Wall Mount with End Cap Assembly	This mount attaches directly to a flat wall, positioning the dome away from the wall, so that it can see over furniture, shelving and displays. When used with the RHOWCA corner bracket adapter or RHOWPA pole strap adapter it can be affixed to corners as well as poles. A mounting cover conceals the mounting plate for a more attractive appearance.	SpeedDome Ultra and Optima Series	Powder-coated aluminum, ABS plastic and fiber-filled PVC	With dome installed 366 x 218 x 282 mm (14 x 9 x 23 in)	1.7 kg (3.9 lbs)	RHOLW

INDOOR ADAPTER OPTIONS

Adapter	Description	Compatibility	Construction	Dimensions	Weight	Model #
Corner Bracket Adapter	This adapter attaches the long and short wall mounts (RHOSW & RHOLW) to outside corners. Powder-coated aluminum construction ensures an extremely sturdy installation.	SpeedDome Ultra and Optima Series	Powder-coated aluminum	185 x 210 x 125 mm (7 x 8 x 5 in)	.79 kg (1.75 lbs)	RHOWCA
Pole Strap Adapter	This adapter attaches the long and short wall mounts (RHOSW & RHOLW) to outside corners. This kit contains stainless steel straps that can be daisy-chained to accommodate any size pole and all the necessary mounting hardware.	SpeedDome Ultra and Optima Series	Powder-coated aluminum and stainless steel	138 x 79 x 27 mm (5 x 3 x 1 in) Straps support 53 to 951 mm (2 to 30 in) pole diameter	.5 kg (1.1 lbs)	RHOWPA
SpeedDome Housing Adapter	This adapter retrofits a SpeedDome Ultra into an existing SpeedDome housing via snap-hinge mounts, making installation fast and easy. This kit includes a skirt assembly to compensate for the smaller dimensions of the SpeedDome Ultra.	SpeedDome Ultra Series	Anodized aluminum	106 x 205 x 250 mm (4 x 8 x 10 in)	1.4 kg (3 lbs)	RHSDA
End Cap Assembly	This mounting assembly retrofits any existing outdoor SpeedDome wall, pole, corner, or over-the-roof mount to accommodate newer outdoor housings. A modular design lets you mount the housing to the end cap on the ground, before installing it on the mounting pole, making the process safe and easy.	SpeedDome Ultra and Optima Series	Fiber-filled PVC	64 x 103 x 194 mm (3 x 4 x 8 in)	.32 kg (.7 lbs)	ROENDC

Product offerings and specifications are subject to change without notice. Actual products may vary from photos. Not all products include all features. Availability varies by region; contact your sales rep.

AMERICAN DYNAMICS™

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*American Dynamics SpeedDomes
are pivotal to the integrated
security system that help Aetna Inc.
streamline operations at nearly
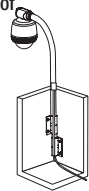100 field offices and consequently
cut costs.*
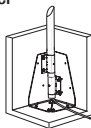
Outdoor Mounts & Adapters

CHOOSE A MOUNT OR ADAPTER FOR ANY APPLICATION*

OUTDOOR MOUNTING OPTIONS						
Mount	Description	Compatibility	Construction	Dimensions	Weight	Model #
Short Wall Mount with End Cap Assembly	This mounting structure attaches directly to a flat wall. When used with the RHOWCA corner bracket adapter or RHOWPA pole strap adapter it can be affixed to corners as well as poles. A mounting cover conceals the mounting plate for a more attractive appearance.	SpeedDome Ultra Series	Powder-coated aluminum, ABS plastic and fiber-filled PVC	With dome installed 366 x 218 x 282 mm (14 x 9 x 11 in)	1.3 kg (3 lbs)	RHOSW
Long Wall Mount with End Cap Assembly	This mount attaches directly to a flat wall, positioning the dome away from the wall, so that it can see over furniture, shelving and displays. When used with the RHOWCA corner bracket adapter or RHOWPA pole strap adapter it can be affixed to corners as well as poles. A mounting cover conceals the mounting plate for a more attractive appearance.	SpeedDome Ultra Series	Powder-coated aluminum, ABS plastic and fiber-filled PVC	With dome installed 366 x 218 x 587 mm (14 x 9 x 23 in)	1.7 kg (3.9 lbs)	RHOLW
Outdoor Pendant Mount	This mount suspends an outdoor dome housing from an outdoor ceiling or horizontal surface. It can be installed using either new or existing 1.25" NPT threaded pipe or rigid conduit up to 10 feet (3 meters) in length.	SpeedDome Ultra Series	Powder-coated aluminum, ABS plastic	115 x 120 x 120 mm (4.5 x 5 x 5 in)	1.8 kg (4 lbs)	RHOPN
Over-the-Roof Mount with End Cap Assembly	This mount affixes directly to any wall, rooftop wall or parapet, positioning the dome away from the wall, so that it can see over awnings, soffits and landscaping. Opposing wing brackets secure installation to the roof surface, while allowing the pole to be repositioned for easy service access.	SpeedDome Ultra Series	Powder-coated aluminum, ABS plastic and fiber-filled PVC	1098 x 243 x 473 mm (43 x 10 x 19 in)	5.7 kg (12.7 lbs)	RHOTR

OUTDOOR ADAPTER OPTIONS						
Adapter	Description	Compatibility	Construction	Dimensions	Weight	Model #
Corner Bracket Adapter	This adapter attaches the long and short wall mounts (RHOSW & RHOLW) to affix to outside corners. Powder-coated aluminum construction ensures an extremely sturdy installation.	SpeedDome Ultra Series	Powder-coated aluminum	185 x 210 x 125 mm (7 x 8 x 5 in)	.79 kg (1.75 lbs)	RHOWCA
Pole Strap Adapter	This adapter attaches the long and short wall mounts (RHOSW & RHOLW) to outside corners. This kit contains stainless steel straps that can be daisy-chained to accommodate any size pole and all the necessary mounting hardware.	SpeedDome Ultra Series	Powder-coated aluminum and stainless steel	138 x 79 x 27 mm (5 x 3 x 1 in) Straps support 53 to 951 mm (2 to 30 in) pole diameter	.5 kg (1.1 lbs)	RHOWPA
Floor Adapter for RHOTR	This adapter installs the RHOTR over-the-roof mount on horizontal and vertical roof/parapet surfaces. Multiple fastening positions provide versatility for mounting on any combination of surfaces and angles.	SpeedDome Ultra Series	Powder-coated aluminum	369 x 240 x 240 mm (15 x 10 x 10 in)	2.59 kg (5.75 lbs)	ROTRF
End Cap Assembly	This mounting assembly retrofits any existing outdoor SpeedDome wall, pole, corner, or over-the-roof mount to accommodate newer outdoor housings. A modular design lets you mount the housing to the end cap on the ground, before installing it on the mounting pole, making the process safe and easy.	SpeedDome Ultra Series	Fiber-filled PVC	64 x 103 x 194 mm (3 x 4 x 8 in)	.32 kg (.7 lbs)	ROENDC

Not applicable to pressurized housings.

AD AMERICAN DYNAMICS™

RDULTRA and
ADSDUD series

RHDR**2X2**

RHOPTDOME

RHDR**CAN**

RHDR**PEN10**

RD500**A**

SpeedDome Ultra Fixed Camera Drone 3 (with Camera/Lens)

- Identical in appearance to the full-featured SpeedDome Ultra

- Friction bearings hold camera in set position

- Powerful visual deterrent

- 540 TVL color camera inside

- Night-Saver mode for low light conditions

- Interchangeable with SpeedDome Ultra and fits I/O board mounting base

- Three auto iris lens options: 2.5 to 6 mm, 3.8 to 9.5 mm and 9 to 22 mm

- .65 lux minimum illumination

- Dimensions:
  Total height: 205 mm (8 in)
  Eyeball diameter: 120 mm (4.7 in)

- Weight with chassis and camera: 1.36 kg (3 lbs)

ADSDUDH2506**N**	ADSDUDH3895**IOP**
ADSDUDH2506**P**	ADSDUDH3895**PTN**
ADSDUDH2506**ION**	ADSDUDH3895**PTP**
ADSDUDH2506**IOP**	ADSDUDH0922**N**
ADSDUDH2506**PTN**	ADSDUDH0922**P**
ADSDUDH2506**PTP**	ADSDUDH0922**ION**
ADSDUDH3895**N**	ADSDUDH0922**IOP**
ADSDUDH3895**P**	ADSDU**DPTB**
ADSDUDH3895**ION**	ADSDU**IOB**

SpeedDome Optima Drone (Camera/Lens Ordered Separately)

- Identical in appearance to SpeedDome Optima

- Provides fixed camera capability with appearance of a programmable dome

- Powerful visual deterrent

- Easy installation

- All-metal black box construction

- Suitable for installation in open-plenum ceilings

- Camera/lens ordered separately

- Dimensions:
  Total dimension: 252.9 x 245 mm (9.96 x 9.65 in)
  Above ceiling: 158 x 107.6 mm (6.23 x 107.6 in)
  Below ceiling: 94.9 x 245 mm (3.74 x 9.65 in)

- Weight: 1.32 kg (2.9 lbs)

RHOPTDOME

Drones

Drones

SpeedDomes, Drones, Controllers & Accessories

Fixed Camera Drone Housing (Camera/Lens Ordered Separately)

- Single fixed camera applications
- Smoked bubble
- Camera/lens ordered separately
- Simple installation and camera positioning
- Indoor only

- Hard ceiling, drop ceiling and pendant mount versions
- Diameter: 254 mm (10 in)

RHDR**2X2**

RHDR**CAN**

RHDR**PEN10**

SpeedDome Ultra Dummy Drone (No Camera/Lens Capability)

- Identical in appearance to the full-featured SpeedDome Ultra
- Interchangeable with SpeedDome Ultra (fits standard and I/O board mounting bases)

- Dimensions:
  Height: 205 mm (8 in)
  Eyeball diameter: 120 mm (4.7 in)
- Weight: .66 kg (1.45 lbs)

RDULTRA

Fixed Camera Drone Housing (Camera/Lens Ordered Separately)

- Small attractive appearance
- Powerful visual deterrent
- SpeedDome look-alike
- Smoked bubble with black inner liner
- Snap-hinge chassis
- Fits any type ceiling
- Multiple mounting options

- Eyeball diameter: 190 mm (7.5 in)
- Please refer to data sheets for dimensions
- RD500:
  Weight: 2 kg (4.4 lbs)
- RD500**A**:
  Weight: 1.2 kg (2.6 lbs)

RD500 (*Photo not available*)

RD500**A**

Drones look identical in appearance to programmable dome cameras, creating the same deterrence for less money. Install them wherever the appearance of surveillance matters more than the ability to follow a moving target.

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Product offerings and specifications are subject to change without notice. Actual products may vary from photos. Not all products include all features. Availability varies by region; contact your sales rep.

AMERICAN DYNAMICS

ADTT16E

ADACSNET

ADTT16E Touch Tracker Controller

- Controls up to 64 cameras/domes

- Compatible with SensorNet domes
  (SpeedDome Ultra, SpeedDome
  Optima and Optima LT series)

- Variable-speed controlstick for pan/tilt
  functions

- Up to 96 programmable presets per dome

- Three programmable patterns per dome

- Three levels of password protection

- DirectSet control

- One programmable sequence

- Up to four simultaneous dome input alarms

- Easily interfaces with Intellex digital video
  management systems and Quest multiplexers
  for dome control

- Supports ten languages

- Backlit LCD display

- Dimensions: 130 x 194 x 260 mm
  (5.12 x 7.63 x 10.24 in)

- Weight: 1 kg (2.2 lbs)

ADTT16E

Kit
RVEIM**KIT**

USB Control Module

- Control a SpeedDome Optima or Ultra series
  programmable dome using a PC with all
  the features of an ADTT16E Touch Tracker
  Controller — including DirectSet

- Monitor SensorNet communication links for
  testing and troubleshooting purposes

- Upgrade domes to the latest firmware via
  SensorNet without needing physical access to
  the dome

- Can be used in existing SensorNet installations
  — anywhere a SensorNet connection is available

- Dimensions:
  Length: 102 mm (4 in)
  Width: 70 mm (2.8 in)
  Thickness: 25 mm (1 in)

- Weight: .5 kg (1.1 lbs)

ADACSNET

Controllers & J-Boxes

SensorNet J-Boxes

RJ6SN
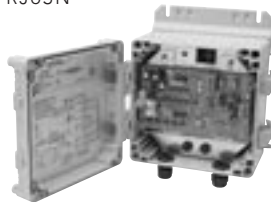
RJ1SNU**D**

- Provides data communication via SensorNet and supplies 24 VAC to the dome
- Supports SpeedDome series domes
- Choose between 1-position and 6-position J-Boxes
- Meets Class 2 LPS power requirements
- 120 VAC or 230 VAC input versions available
- Diagnostic LEDs mounted on PC board
- Front cover can be secured with a captive screw
- Surge protection
- Hardware or line cord power connection

- RJ6SN series dimensions:
  320 x 210 x 160 mm (12.6 x 8.27 x 6.30 in)
  Weight: 8.5 kg (18.7 lbs)
- RJ1SNUD series dimensions:
  200 x 200 x 132 mm (7.87 x 7.87 x 5.19 in)
  Weight: 3.7 kg (8.25 lbs)

RJ6SN

RJ1SNU**D**

RJ1SNU**D-1**

RS-422 J-Boxes

RJ860AP

RJ856UD

- Provides data communication via RS-422 and supplies 24 VAC to the dome
- Supports SpeedDome series domes
- Choose between 1-position and 10-position J-Boxes
- Meets Class 2 LPS power requirements
- Can be configured for either 120 VAC or 230 VAC input
- Hardware or line cord power latch
- Diagnostic LEDs
- Quick-release lockable cover latch
- Surge protection
- Cinch jones connector (2107-0006-01) available for use with the RJ860AP
- RJ860AP series dimensions:
  514 x 310 x 150 mm (20.25 x 12.25 x 6 in)
  Weight: 16.3 kg (36 lbs)

Note: Use the RPPJ-M to adapt older series SpeedDomes to current J-boxes.

- RJ856UD series dimensions:
  200 x 200 x 132 mm (7.87 x 7.87 x 5.19 in)
  Weight: 3.7 kg (8.25 lbs)

RJ860AP

RJ856UD

Accessory

2107-0006-01
(Cinch jones connector for RJ860AP)

Adapter

- Kit for adapting older series SpeedDomes to current J-box

RPPJ-M

AMERICAN DYNAMICS

Supermarkets deter shoplifting, employee theft and product tampering with American Dynamics SpeedDomes.

Strategically positioned and discreet, American Dynamics SpeedDomes enable security personnel to monitor all key ingress and egress points throughout every floor and wing of your office complex.

www.americandynamics.net

Accessories

SpeedDome Ultra Bases:

- Attaches to hard ceilings, tile ceilings or mounting structures

- Compact and attractive design

- Includes I/O base for use with SpeedDome Ultra 8 and SpeedDome Ultra Fixed Camera Drone 3

ADSDU**IOB**

ADSDU**IOBW**

Surge Protectors:

- Protect your systems against failures

- Lightning surge protector for video (RXVP)

- Lightning surge protector for power (RXPP)

- Lightning surge protector for data (RXDP)

RX**VP**

RX**PP**

RX**DP**

LED Kit:

- Provides additional visual deterrent (for SpeedDome Ultra series, indoor only)

RHIULED

Dome Installation & Removal Tool:

- Makes it easy to position the SpeedDome Ultra series in a ceiling mount without a ladder

- For use with I/O board base configurations

RHIRT

OUTDOOR DOME POWER SUPPLY

Install SpeedDome Ultra domes outside of your building and be able to service them on the spot without going inside. Learn more about our Outdoor Dome power supply (ADSPOT) on p. 92.

Parking garages become safer places when American Dynamics SpeedDome programmable dome cameras are on the job.

AD AMERICAN DYNAMICS™

SpeedDome

SYSTEM DIAGRAM

Intellex IP

Switch

VideoEdge™
IP Encoder

Matrix Switcher Keyboards

MegaPower Matrix
Switchers

SpeedDomes

Intellex

ADTT16E Touch
Tracker Controller

Use SpeedDomes with any Intellex or MegaPower matrix switcher/controller and accompanying keyboard such as the MegaPower 48 Plus, ControlCenter 1100, and third party controllers. Or, stick to the basics and operate your domes with the ADTT16E Touch Tracker Controller. You are guaranteed excellent video quality and ease of use with any option you choose.

LCD, PVM, Plasma & CRT Monitors

Retailers everywhere are adopting American Dynamics LCD monitors. Our sleek new PVMs blend in beautifully where visual appeal matters most: on the sales floor. But even more impressive are the results they produce. Install them and watch as employee fraud and error drop dramatically — the kind of losses that are impossible to detect without this technology.

We provide a comprehensive range of monitors — everything from a 9" black & white CRT that can be dual-mounted in your standard EIA 19" rack to a high definition, widescreen 50" plasma monitor. Our screen resolution and crystal clear imaging make surveillance easier to perform and more accurate. Whether you require single or multiple inputs, a shallow profile or heavy duty metal cabinet, American Dynamics can deliver the right monitor for the job. Every monitor we offer complies with universal mounting standards so you can install our products wherever you need them.

LCD:

Minimize your spatial requirements and get brighter, better pictures with our flat panel LCD Monitors. At less than 2" thick, these monitors are so light you can hang them on a wall. Featuring easy to use on-screen menus, the LCD monitors automatically configure and calibrate screen resolution and can be manually adjusted as well. Available with black or white cases, they come in a variety of sizes and include rack-mount, wall-mount and desktop models.

Public View Monitors (PVM):

Some of our monitors are designed for public view applications and feature tempered, shatter-resistant glass screens, an integrated camera module, and remote controls that make it convenient to adjust the settings from a distance. Certain models also include a 12 volt power outlet that lets customers plug in a second camera without adding extra cabling. Choose from a variety of CRT, LCD and plasma monitors.

Plasma:

In the world of monitors, bigger is sometimes better. Our plasma monitors rank among the biggest screens you can get in the CCTV industry. High resolutions with 700-800 TV lines and an 800:1 contrast ratio render video in brilliant color that enables you to see detail with the greatest precision possible. Less than 4" deep, these monitors include a base as well as optional wall mounts.

CRT:

We offer a comprehensive line of CRT monitors: color, black & white, high and standard resolution, with whatever number of inputs you need. New flat screen models help eliminate curvature or distortion in the image. View the entire picture, including peripheral detail that normally gets blocked out, with an underscan/overscan feature. Hear as well as see what's going on with looping audio connectors.

Monitors

CHOOSE A MONITOR THAT IS RIGHT FOR YOU

MONITOR COMPARISON CHART

Monitor Type	Screen Size	Resolution	Input	Format	Mount Options	Model
LCD Monitors Color	15"	1024 × 768	VGA, Composite	NTSC/PAL	Desktop, Wall or Rack	ADMNM1LCD**15**
	17"	1280 × 1024	VGA, Composite	NTSC/PAL	Desktop, Wall or Rack	ADMNM1LCD**17**
	15"	1024 × 768	VGA	NTSC/PAL	Desktop, Wall or Pendant	ADCMLCD**15**
	17"	1280 × 1024	VGA	NTSC/PAL	Desktop, Wall or Pendant	ADCMLCD**17**
	19"	1280 × 1024	VGA & DVI	NTSC/PAL	Desktop, Wall or Pendant	ADCMLCD**19**
	17"	1280 × 1024	VGA, Composite	NTSC/PAL/SECAM	Desktop, Wall or Rack	ADMNM**17**LCD
	19"	1280 × 1024	VGA, Composite	NTSC/PAL/SECAM	Desktop, Wall or Rack	ADMNM**19**LCD
	20"	1600 × 1200	VGA, Composite & DVI	NTSC/PAL	Desktop or Wall	ADDELL**20**07
	24"	1920 × 1200	VGA, Composite	NTSC/PAL	Desktop or Wall	ADDELL**24**07
Public View Monitors Color	20"	800 × 600	VGA, Composite	NTSC/PAL	Desktop or Wall Desktop or Wall Rack	ADMNLCD20 ADMNLCD20**W** ADMNLCD20**RK**
	20"	800 × 600	VGA, Composite	NTSC/PAL	Desktop, Wall or Pendant	ADMCA1LCD**20B** ADMCA1LCD**20W**
	26"	1280 × 768	VGA, Composite	NTSC/PAL	Wall or Pendant	ADLCD26**BX** ADLCD26**WX**
Plasma Monitors Color	42"	800 × 600	VGA, Composite, DVI, Component & SVHS	NTSC/PAL	Desktop, Wall or Pole	ADMNPLASMA**42**
	50"	1366 × 768	VGA, Composite, DVI, Component & SVHS	NTSC/PAL	Desktop, Wall or Pole	ADMNPLASMA**50**
B & W CRT Monitors	9"	800 TVL	Composite	EIA/CCIR	Desktop or Rack	AD9**10A**
	12"	800 TVL	Composite	EIA/CCIR	Desktop or Rack	AD9**12A**
	17"	800 TVL	Composite	EIA/CCIR	Desktop or Rack	AD9**17A**
Color CRT Monitors	9"	280 TVL	Composite	NTSC/PAL	Desktop or Rack	AD9**50B**
	17"	450 TVL	Composite	NTSC/PAL	Desktop, Rack or Ceiling	AD95**17B**
	15"	400 TVL	Composite	NTSC/PAL	Desktop, Rack or Ceiling	ADM**CRT15**
	21"	520 TVL	Composite	NTSC/PAL	Desktop, Wall or Ceiling	HS-CM**21**7
	17"	1024 × 768	SVGA	N/A	Desktop	ADMCRT**17**

Check www.americandynamics.net for new additions to our monitor line.

AMERICAN DYNAMICS™

15" & 17" LCD Color (Multi-Mode Inputs) & Rack Mount Kit:

ADMNM1LCD**15**   ADMNM1LCD**17**

ADMNLCD**RKMNT**

Monitors:

- NTSC/PAL auto detect

- VGA (D-sub) and looping S-VHS (Y/C) BNC (composite video) connectors

- RCA-connector looping audio

- Supports up to 1280 × 1024 resolution (ADMNM1LCD17) and 1024 × 768 resolution (ADMNM1LCD15)

- Auto brightness

- Contrast ratio up to 400:1

- Internal speakers and detachable base stand included

- Low power consumption (45 watts)

- 100/240 VAC 60/50 Hz universal power supply

- 15" and 17" dimensions (without base): 330.2 × 400.5 × 63.5 mm (13 × 15.75 × 2.5 in) Weight: 4.3 kg (9.5 lbs)

- 15" and 17" dimensions (with base): 400.5 × 400.5 × 184.1 mm (15.75 × 15.75 × 7.25 in) Weight: 5 kg (11 lbs)

Rack Mount Kit

- Rack mount for the ADMNM1LCD15 and ADMNM1LCD17

- Allows tilting of monitor

- Black metal construction

*ADMNLCD**RKMNT** (with mounted ADMNM1LCD17)*

ADMNM1LCD**15**

ADMNM1LCD**17**

ADMNLCD**RKMNT**

15", 17" & 19" LCD Color (Analog VGA [D-SUB] Input):

ADCMLCD**19**

ADCMLCD**15**   ADCMLCD**17**

- VGA (D-sub) connector

- Detachable desk base stand included

- 15" version supports up to 1024 × 768 (XGA) resolution

- 17" and 19" versions supports up to 1280 × 1024 (SXGA) resolution

- Contrast ratio 400:1 (ADCMLCD15) and 500:1 (ADCMLCD17 & ADCMLCD19)

- Brightness 250cd/m2 on the 15" & 19" versions and 300cd/m2 on the 17" version

- Response time of 4/12 ms (ADCMLCD15) and 8 ms (ADCMLCD17 & ADCMLCD19)

- Low power consumption

- 100/240 VAC 60/50 Hz universal power supply

- ADCMLCD15 dimensions: 360 × 150 × 350 mm (14.17 × 5.90 × 13.78 in) Weight: 5.0 kg (11.02 lbs)

- ADCMLCD17 dimensions: 393 × 150 × 390 mm (15.47 × 5.90 × 15.35 in) Weight: 7.0 kg (15.43 lbs)

- ADCMLCD19 dimensions: 430 × 150 × 420 mm (16.92 × 5.90 × 16.53 in) Weight: 8.0 kg (17.63 lbs)

ADCMLCD**15**

ADCMLCD**17**

ADCMLCD**19**

LCD Monitors

17" & 19" LCD Color:

ADMNM**17**LCD   ADMNM**19**LCD

- Supports up to 1280 × 1024 resolution
- Outstanding color and clarity
- Contrast ratio up to 500:1
- Brightness 450cd/m2 on the 17" version and 400cd/m2 on the 19" version
- Response time 8 ms
- Auto termination on looping video
- NTSC/PAL auto detect
- Composite video

ADMNM**17**LCD

ADMNM**19**LCD

ADMNM**RKT17** *(Rack mount)*

ADMNM**RKT19** *(Rack mount)*

20" & 24" LCD Color:
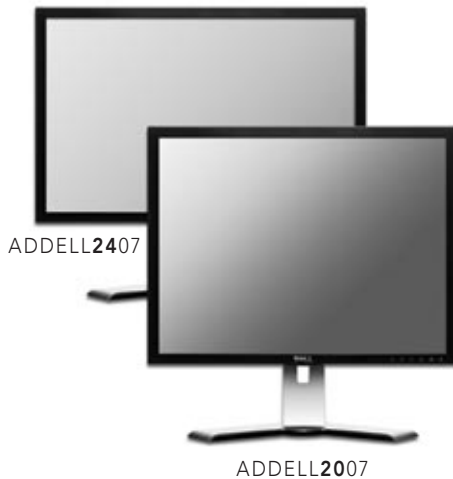
ADDELL**24**07

ADDELL**20**07

- Supports up to 1600 × 1200 resolution (ADDELL2007) and 1920 × 1200 resolution (ADDELL2407)
- Brightness 300cd/m2 on the 20" version and 450cd/m2 on the 24" version
- High contrast ratio 800:1 (ADDELL2007) and 1000:1 (ADDELL2407)
- Digital video interface (DVI) connector helps to ensure high quality image (no jitter) and superb color uniformity
- Fast LCD response time of 16 ms (ADDELL2007) and 6 ms (ADDELL2407)
- S-Video and composite connector
- 4 USB 2.0 high speed ports
- Allows swivel and tilting of monitor
- VESA compliant
- ADDELL2007 dimensions: 547.6 × 445.3 × 193.5 mm (21.6 × 17.5 × 7.6 in) Weight: 6.9 kg (15.2 lbs)
- ADDELL2407 dimensions: 584.7 × 559.7 × 195.0 mm (23 × 22 × 7.7 in) Weight: 8.3 kg (18..3 lbs)

ADDELL**20**07

ADDELL**24**07

Ranking among the highest priorities for national security today, airports depend more than ever on American Dynamics monitors to maintain continual surveillance.

AMERICAN DYNAMICS™

20" PVM Color (SVGA with Multi-Mode Inputs):

ADMNLCD20**RK**

ADMNLCD20**W**

ADMCAMODULE

Monitors:

- 20" LCD monitor with multiple inputs (composite video, Y/C and VGA [D-sub] connectors)

- High brightness (500 cd/m2) and high contrast (480:1)

- Wide viewing angle of 160°, vertical and horizontal

- Latching power supply automatically restores power after interruption or remote switching

- Easy on-screen display (OSD) menu and user interface

- Control button lock-out using the OSD to minimize tampering in public view applications

- Remote control for all models adds flexibility for public view applications

- 800 x 600 resolution

- 12 volt regulated power output jack allows a standard 12 volt camera to be attached for public view applications

- Desk or wall mount model includes an anti-scratch, anti-reflective shield, which is ideal for public areas

- Both models include North American and European power cords

- Selectable color temperature for 6500/9300° K

- Multiple looping inputs including: 2 BNC, 1 Y/C (SVHS), 2 RCA audio

- ADMNLCD20 & ADMNLCD20W dimensions: 401 x 463 x 102 mm (15.8 x 18.2 x 4 in) Weight: 6.8 kg (15 lbs)

- ADMNLCD20RK dimensions: 420 x 483 x 102 mm (16.5 x 19 x 4 in) Weight: 7.3 kg (16 lbs)

Camera:

- Adjustable zoom setting

- Adjustable motion sensitivity and camera switching dwell time

- 480 lines, 1/4-inch CCD

- Auto iris

- 3.5 to 8 mm vari-focal

- S/N>48db minimum illumination .3 lux

- Camera module for the ADMNLCD20 and ADMNLCD20W

- Available in black or white

ADMNLCD20**W**
(with attached ADMCAMODULE)

ADMNLCD20

ADMNLCD20**W**

ADMNLCD20**RK**

Accessories

ADMCAMODULE

ADMCAMODULE**B**

ADMLCD20**CARD** *(Memory card reader)*

Retailers around the world rely on American Dynamics monitors to give security personnel a clear window to strategic vantage points within shopping malls, providing an invaluable tool for observing crowds and spotting potentially threatening incidents.

PVM Monitors & Mounts

20" PVM Color with Integrated Auto Iris Camera (Multi-Mode Inputs):

- 20'' LCD monitor with multiple inputs (composite video, Y/C and VGA [D-sub] connectors)
- High brightness (500 cd/m2) and high contrast (480:1)
- Wide viewing angle of 160˚, vertical and horizontal
- Fast LCD response time of 16 ms
- Latching power supply automatically restores power after interruption or remote switching
- Easy OSD menu user interface
- Control button lock-out using the OSD, to minimize tampering in public view applications

- Multiple looping inputs including: 2 BNC, 1 Y/C (SVHS), 2 RCA audio
- 800 × 600 resolution
- Includes North American and European power cords
- Selectable color temperature for 6500/9300˚K
- Remote control for all models adds flexibility for public view applications
- 12 volt regulated power output jack allows a standard 12 volt camera to be attached for public view applications

ADMCA1LCD**20B**

ADMCA1LCD**20W**

26" PVM Color:

- Multiple inputs (composite video, Y/C and VGA [D-sub] connectors)
- High brightness (500 cd/m2) and high contrast (500:1)
- Wide viewing angle of 85˚, vertical and horizontal
- Fast LCD response time of 12 ms
- Available camera and 7-1 media card reader accessory modules
- Compatible with VGA (640 × 480), SVGA (800 × 600), XGA (1024 × 768), WXGA (1280 × 768) resolution
- Built-in quality 3D de-interlace for video signal

- Supports VESA 100 mm × 100 mm mounting standard
- Remote control for all models adds flexibility for public view applications
- 12 volt regulated power output jack allows a standard 12 volt camera to be attached for public view applications
- Dimensions: 43.12 × 645.2 × 94.2 × mm (1.69 × 25.40 × 3.70 in)
- Weight: 12.5 kg (27.55 lb)

ADLCD26**BX**

ADLCD26**WX**

32" & 37" PVM color monitors coming soon. Check www.americandynamics.net for availability.

LCD & PVM Mounts:

Dual LCD monitor mount, pendant, black, with lanyard . . . . ADDUALLCD**PL**
Dual LCD monitor mount, pendant, white, with lanyard . . . . ADDUALLCD**PWL**
LCD & PVM mount, VESA compliant, pendant mount, black, with lanyard . . . . ADMMTLCD**PL**
LCD & PVM mount, VESA compliant, pendant mount, white, with lanyard . . . . ADMMTLCD**PWL**
LCD & PVM mount, VESA compliant, wall mount, with lanyard . . . . ADMMTLCD**WL**
LCD & PVM mount, VESA compliant, wall mount, articulating arm, with lanyard, black . . . . ADMNMTLCD**WAL**
LCD & PVM mount, VESA compliant, wall mount, black, with lanyard RHSP730**PL**
LCD & PVM mount, VESA compliant, wall mount, silver, with lanyard RHSP730**PL-S**
PVM mount, suspended ceiling mount RHM**427SU**
PVM mount, structural ceiling mount RHM**427ST**
PVM wall mount RHM**427WL**

AMERICAN DYNAMICS™

Plasma Monitors & Mounts

42" & 50" Color Plasma Monitors:

- Brilliant color with high resolution (HD and ED) allows multiple cameras with large images to be displayed simultaneously

- High contrast ratio (800:1) and bright screens (300 cd/m minimum)

- Picture in picture (PIP) adds viewing flexibility

- Digital video interface (DVI) inputs render ultra-sharp images from Intellex or other advanced DVRs

- Adjustable image shift controls eliminate screen burn-in

- Wide-screen (16:9) format, switchable to 4:3 format

- Auto image scaling and wide viewing angles (over 160°)

- Shallow profile (less than 4") with base included and optional wall mounts

- 42" : 800 x 600 resolution
  50" : 1366 x 768 resolution

- Analog PC input (D-Sub 15 pin) or digital PC (DVI) input

- S-Video and RCA composite video inputs

- Remote control included

- Internal speakers with amplified outputs for optional external speakers

- On-screen display in 9 languages

- Optional wall mounts with flush mount

- Optional TV tuner

- ADMNPLASMA**42** dimensions:
  640 x 1033 x 82 mm (25.1 x 40.6 x 3.2 in)
  Weight: 37.8 kg (83 lbs)

- ADMNPLASMA**50** dimensions:
  843 x 1282 x 99 mm (33.2 x 50.5 x 3.9 in)
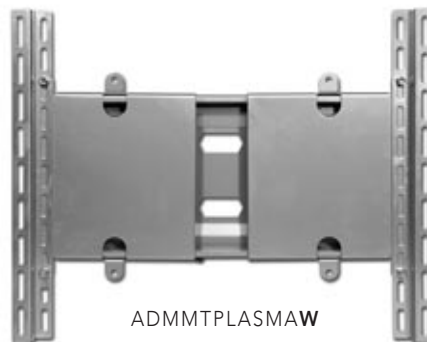 Weight: 52.3 kg (115 lbs)

ADMNPLASMA**42**

ADMNPLASMA**50**

Plasma Mounts:

- Unpainted, all steel construction

- All of our plasma monitors attach to either of these mounts

ADMMTPLASMA**P**

ADMMTPLASMA**W**

ADMMTPLASMA**W**

ADMMTPLASMA**P**

CRT Monitors & Mounts

9", 12" & 17" Black & White Monitor (High Resolution):

- 800+ TVL
- Video loop-through
- 2 looping BNC connectors
- EIA/CCIR selectable
- Auto termination
- Convenient front panel controls
- Heavy duty metal cabinet and universal latching power supply
- Dual rack mountable (9" only)
- AD9**10A** dimensions:
  234 x 220 x 248 mm (9.21 x 8.60 x 9.76 in)
  Weight: 4.3 kg (9.46 lbs)

- AD9**12A** dimensions:
  305 x 302 x 287 mm (10.7 x 10.6 x 10.05 in)
  Weight: 7.3 kg (16.1 lbs)
- AD9**17A** dimensions:
  385 x 415 x 390 mm (15.2 x 16.34 x 15.35 in)
  Weight: 14 kg (30.9 lbs)

AD9**10A**

AD9**12A**

AD9**17A**

AD9**10ARK** *(Rack mount)*

AD9**17ARK** *(Rack mount)*

9" & 17" Color Monitor (High Resolution):

- 280+ TVL (AD950B); 750 TVL Y/C, 450 TVL composite (AD9517B)
- Comb filter for enhanced picture quality
- NTSC/PAL auto detect
- Universal power supply
- Two looping audio and video input pairs (AD950B); (2 composite, 1 Y/C) for AD9517B
- Auto termination
- Convenient front panel controls
- AD950B dimensions:
  220 x 222 x 305 mm
  (8.66 x 8.74 x 12 in)
  Weight: 6.8 kg (14.99 lbs)

- AD9517B dimensions:
  334 x 395 x 418.1 mm
  (13.15 x 15.55 x 16.46 in)
  Weight: 19.6 kg (43.21 lbs)

AD9**50B**

ADMM**9CR** *(Rack mount)*

AD95**17B**

AD95**17RK** *(Rack mount)*

RHM4**17WL** *(Wall mount)*

RH**213E3** *(3 ft. Monitor extension)*

RH**EXT4** *(4 ft. Ceiling extension)*

RH**EXT2** *(2 ft. Ceiling extension)*

15" Color Monitor (Standard Resolution):

- 280 TVL (10")
- Two looping audio and video input pairs
- NTSC/PAL auto detect
- Auto termination
- Convenient front panel controls
- Universal power supply
- Perfect for use with color quads and multiplexers
- Heavy duty metal cabinet
- Dimensions: 342 x 365 x 391 mm (13.45 x 14.4 15.4 in)
- Weight: 15 kg (33 lbs)

ADM**CRT15**

AD94**14RK** *(Rack mount)*

RHM4**17WL** *(Wall mount)*

RHM3**14ST** *(Structural ceiling mount)*

RHM3**14SU** *(Suspended ceiling mount)*

RHW3**14** *(Wall mount)*

RH**213E3** *(3 ft. Monitor extension)*

RH**EXT4** *(4 ft. Ceiling extension)*

RH**EXT2** *(2 ft. Ceiling extension)*

AMERICAN DYNAMICS™

CRT Monitors & Mounts

21" Color Monitor (Standard Resolution):

- 520+ TVL
- Two looping audio and video input pairs (A/B)
- NTSC/PAL auto detect
- Perfect for use with color quads and multiplexers
- Convenient front panel controls
- Heavy duty metal cabinet
- Universal power supply

- Dimensions: 453 x 490 x 501 mm (17.8 x 19.3 x 19.7 in)
- Weight: 25.5 kg (56 lbs)

HS-CM**21**7

RHM3**21WL** *(Wall mount)*

RHM3**21ST** *(Structural ceiling mount)*

RHM3**21SU** *(Suspended ceiling mount)*

17" Color SVGA Monitors:

- Multi-sync and full scan capability
- Auto-sizing for preset modes
- Compatible with both established and new 85 Hz VESA display standards
- Perfect for use with Intellex
- Dimensions: 400 x 404 x 416 mm (15.75 x 15.91 x 16.38 in)
- Weight: 15.6 kg (34.4 lbs)

ADMCRT**17**

Monitor Mount Accessory:

(Photo not available)

- Chrome trim ring for ceiling mounts

RPACC640

Bank managers and security staff see video at its best with American Dynamics' high definition surveillance monitors. That makes everyone a whole lot safer.

Digital Video Management Solutions

Performances at the 293,000 square foot Walt Disney Concert Hall in Los Angeles can draw up to 10,000 attendees. Intellex, Network Client Remote Management Software, MegaPower Matrix Switcher/Controllers and 97 SpeedDome Ultra programmable dome cameras form the core of the integrated security system that safeguards them.

American Dynamics offers the most comprehensive range of digital video management products on the market. From smaller installations (Intellex LT) to mid-size applications (Intellex DVMS) and now to more demanding applications requiring higher resolution and performance (Intellex Ultra), there is a solution for any situation. Plus, we provide the flexibility of IP-based video surveillance (Intellex IP) and every platform can be remotely managed using Network Client Remote Management Software. But Intellex does more than just record. You can simultaneously record and play back video, text and audio while using sophisticated search functions to define and find only those important events meeting your criteria. And, unlike other solutions that use MPEG-4 technology, our patented Active Content Compression (ACC) technology lets you easily play back video frame by frame, forward or reverse. For added flexibility and control, install Network Client on any PC with a network connection and you'll have control of every Intellex on your system, no matter how distributed or decentralized the operation.

Intellex Ultra (available with 16 channels)**:**
Award-winning Intellex Ultra is a reliable, high performance platform that captures higher resolution, de-interlaced images (4CIF, 240 ips; 2CIF, 480 ips) without compromising the capability to record full motion video. Its 3U chassis requires less rack space, making it an ideal solution for applications like casinos or government facilities with a limited area for security equipment. For ultimate flexibility and security, Intellex Ultra has up to four front-accessible, swappable 3.5 inch hard drive bays which can optionally be used in a RAID 5 configuration. Plus, an industry first separate solid-state embedded system drive means no moving parts to wear out or fail.

Intellex LT (available with 4, 8 and 16 channels)**:**
Intellex LT delivers key Intellex features in an economical package, providing the best solution for small retail stores, health care facilities and small offices. It can store more than 900 hours of video and supports up to five simultaneous Network Client users.

Intellex DVMS (available with 8 and 16 channels)**:**
The original digital video management system, Intellex DVMS has been leading the market since 1997. The 16-channel version records up to 120 ips at 2CIF. Intellex DVMS is offered in a desktop or rack mount chassis with Standard, Deluxe and Premier packages. This means simplified packaging for easier ordering, maintenance and configuration. And because Intellex DVMS is networkable and easily integrates with other equipment and software applications, it's a cost-effective solution for many new and existing applications.

Intellex IP (up to 16 network video streams):
Intellex IP supports IP cameras with performance of up to 480 ips at 1CIF and 120 ips at 4CIF. Intellex IP integrates seamlessly with existing Intellex systems and analog and digital cameras to leverage prior investments. Its scalable 1U form factor complements the design of large systems. The ability to use existing IT network cable further reduces total cost of ownership.

CHOOSE A DVR THAT IS RIGHT FOR YOU

DVR COMPARISON TABLE

	Intellex Ultra (Premier)	Intellex DVMS (Standard, Deluxe & Premier)	Intellex LT (Deluxe & Premier)	Intellex IP (Premier)
Maximum Images per Second (NTSC/PAL)	480/400	120/100	60/50	480/400
Storage Capacity	500 GB, 1.0 TB, 1.5 TB, 2.0 TB (RAID 5 1.5 TB)	160 GB, 250 GB, 320 GB, 500 GB, 750 GB*	160 GB, 320 GB	500 GB, 1.0 TB
Windows® XP Pro	Yes	Yes	Yes	Yes
Record Mode	Linear or Circular/Continuous	Linear or Circular/Continuous	Linear or Circular/Continuous	Linear or Circular/Continuous
Pre-Alarm Recording	Yes (up to 5 minutes)	Yes (up to 5 minutes)	Yes (up to 60 seconds)	Yes (up to 5 minutes)
Alarm Indexing	Yes (15 minutes)	Yes (15 minutes)	No	Yes (15 minutes)
Alarm/Event Notification: Remote	Yes (via Network Client)	Yes (via Network Client)	Yes (via Network Client)	Yes (via Network Client)
Local	Yes	Yes	Yes	Yes
Email	Yes	Yes	Yes	Yes
Video Resolutions Available:				
4CIF (NTSC/PAL)	704 x 480/704 x 576	N/A	N/A	See page 62
2CIF	704 x 240/704 x 288	640 x 240/640 x 240	640 x 240/640 x 240	
1CIF	352 x 240/352x 288	320 x 240/320 x 240	320 x 240/320 x 240	
Text Insertion (Via Serial Port)	Yes	Yes** (up to 8 channels)	Yes** (up to 8 channels)	Yes
Video Analysis Tools (Size, Speed, Direction of Motion)	Yes	Yes, Premier Edition only	No	No
Smart Search	Yes	Yes	Yes	Yes
Custom Schedule/Weekends	Yes, with IntelleCord	Yes, with IntelleCord	Yes, with IntelleCord	Yes, with IntelleCord
Multi-Screen Playback	Yes	Yes	No	Yes
Covert Camera	Yes	Yes	Yes	Yes
Dome Control	Via Network Client, Browser Client or Intellex GUI (via ADTT16E, ADACSNET, MP48, MP168, MP1024, MP3200 or other third party switchers)	Via Network Client, Browser Client or Intellex GUI (via ADTT16E, ADACSNET, MP48, MP168, MP1024, MP3200 or other third party switchers)	Via Network Client, Browser Client or Intellex GUI (via ADTT16E, ADACSNET, MP48, MP168, MP1024, MP3200 or other third party switchers)	Via Network Client, Browser Client or Intellex GUI (via ADTT16E, ADACSNET, MP48, MP168, MP1024, MP3200 other third party switchers or any IP 422-compatible device)
Alarm-Triggered Camera Action	Yes	Yes	Yes	Yes
User-Defined Matrix & Dome Control Camera Handler	Yes	Yes	Yes	Yes
Activity Log (Who, When, What)	Yes	Yes	No	Yes
3rd Party Integration via API	Yes	Yes	Yes	Yes
Chassis Configuration	3U, Desktop/Rack Mount	4U, Desktop or Rack Mount†	4U, Desktop or Rack Mount‡	1U, Rack Mount
Alarm Quality & Sensitivity Settings	Yes	Yes	Yes	Yes
Camera-Selectable Frame Rate	Yes	Yes	No	Yes
One-Click Clip Export	Yes, CD-RW/DVD-RW	Yes, CD-RW/DVD-RW§	Yes, CD-RW	Yes, CD-RW/DVD-RW
Extended Storage Devices	Yes	Yes	Yes	Yes
Support for Remote Configuration & Management	Yes	Yes	Yes	Yes
NTSC/PAL Toggle	Yes	Yes	Yes	N/A
Reference Page Number	57-58	59-60	61	62

* 160 GB and 320 GB models are available in Standard Edition only; 250 GB and 500 GB are available in Deluxe and Premier Editions; 750 GB model is available in Deluxe and Premier with rack mount chassis only.

** Premier Edition only.

† Rack mount is only available in Deluxe and Premier Editions.

‡ Accessory Kit is required for rack mount, ordered separately.

§ CD-RW is only available in the Standard and Deluxe Editions; DVD-RW is only available in the Premier Edition.

AMERICAN DYNAMICS™

Monitor sold separately.

1 CHOOSE FEATURES THAT MAKE A DIFFERENCE

- Gain the ability to multiplex, detect alarms and events, record video, audio and text, and much more

- Set dome presets, patterns and configurations right from the Intellex GUI

- Search for specific clips using video analysis tools and advanced text

- Operate Intellex like a virtual matrix via Network Client with CCTV keyboard-based camera control and an expanded capacity to stream video simultaneously from multiple cameras*

- React faster to potential emergencies with immediate email notification of system events and alarms

- Customize camera views for flexible monitoring

- Respond to events with alarm-triggered dome positioning

- Record higher frame rates per second for certain cameras and assign the remainder to less critical cameras

- Easily export video, audio and text to CD-RW or DVD-RW with one click of the mouse

- Store more video than MPEG-4 and MJPEG-based systems using patented American Dynamics Active Content Compression (ACC) technology

- Use 3rd party applications—such as access control from Software House and Kantech as well as video forensics, virtual matrix, remote monitoring and more—integrated with Intellex via the powerful application programming interface (API)

- Windows XP Professional operating system

- Amazing 4CIF at 240 ips and 2CIF at 480 ips**

- Separate solid-state system drive

- Front accessible, swappable drives

- Space-saving 3U chassis

- Optional RAID 5 protection

- Steel-reinforced door provides unsurpassed durability and drive protection

- Includes one license of Network Client

- Desktop/rack mount configurable

- Dimensions: 130 × 429 × 546 mm (5.125 × 16.895 × 21.5 in)

- Weight: 17.3 kg (38 lbs)

* Requires Network Client v4.04 or higher and supports the ADTT16E Touch Tracker Controller, ControlCenter 1100, ControlCenter 200, 300, AD2088 and AD2089.
** All ips measurements reflect NTSC format 120 ips NTSC=100 ips PAL.

Intellex Ultra

Lincoln Park, a dog racing track and casino (racino) just outside of Providence, RI, chose Intellex Ultra when an expansion demanded a new surveillance system. A customer for several years, Lincoln Park had already benefited from a reliable Intellex system, but wanted to look at a new platform to fit its growing needs. As the facility expanded, so did its surveillance requirements. "We chose Intellex Ultra because it is the only digital video management system with the performance, integration capability and reliability that fit our needs while using limited rack space. We're saving an estimated forty percent of rack space than if we had selected other competing products," said Jason Gittle, Director of IT for Lincoln Park. "We are required by state regulations to record all activity within the building. It is imperative that our digital recorders are operating all the time."

2 SELECT A MODEL

DESKTOP/RACK MOUNT MODELS
ADD600ULP**050**
ADD600ULP**100**
ADD600ULP**150**
ADD600ULP**200**

RAID 5 MODEL
ADD600URP**150**

AD D 6 00 UL P **050**

Internal Storage
050 = 500 GB
100 = 1.0 TB
150 = 1.5 TB
200 = 2.0 TB

Features
P = Premier

Platform
UL = Ultra
UR = Ultra RAID

Chassis
00 = Desktop/Rack Mount
Configurable

Channels
6 = 16 Channels

Family
D = Digital Video
Management
Systems

American Dynamics

AMERICAN DYNAMICS

Monitor sold separately.

Desktop version

Rack Mount version
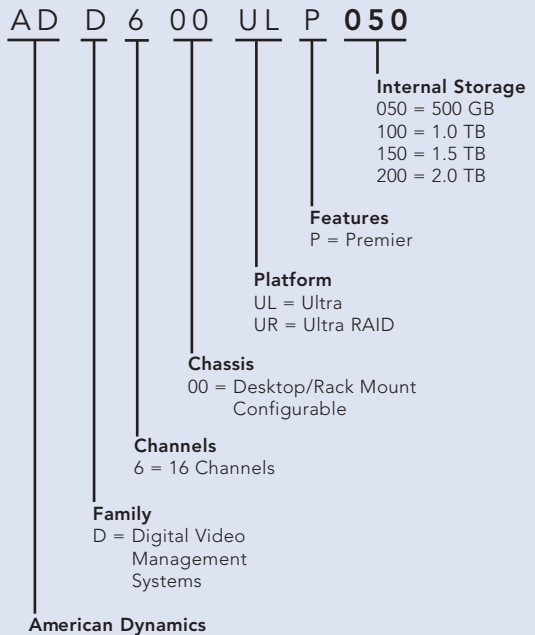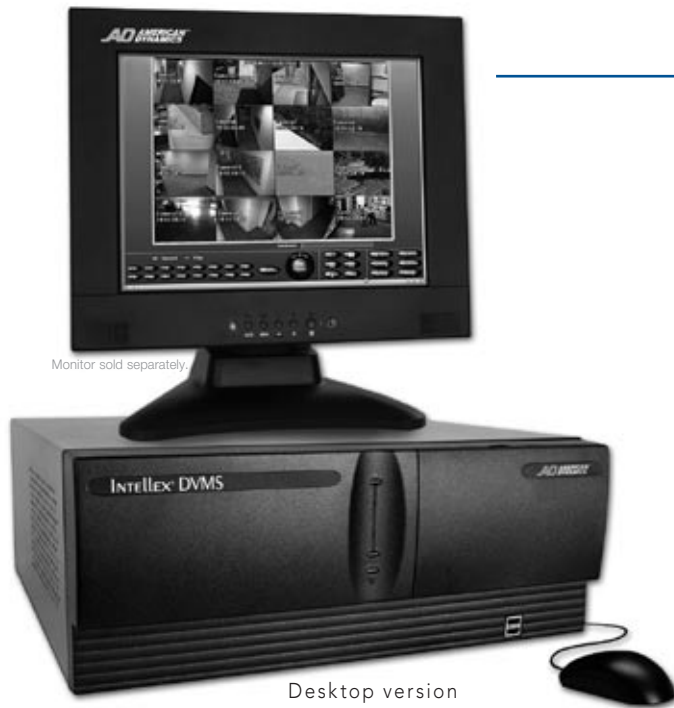
1   CHOOSE FEATURES THAT MAKE A DIFFERENCE

Standard:

- Set dome presets, patterns and configurations right from the Intellex GUI

- Operate Intellex like a virtual matrix via Network Client with CCTV keyboard-based camera control and an expanded capacity to stream video simultaneously from multiple cameras*

- React faster to potential emergencies with immediate email notification of system events and alarms

- Customize camera views for flexible monitoring

- Respond to events with alarm-triggered dome positioning

- Record higher frame rates per second for certain cameras and assign the remainder to less critical cameras

- Easily export video, audio and text to CD-RW with one click of the mouse

- Store over 9 times more video than MPEG-4 and MJPEG-based systems using patented American Dynamics Active Content Compression (ACC) technology

- Use 3rd party applications—such as access control from Software House and Kantech as well as video forensics, virtual matrix, remote monitoring and more—integrated with Intellex via the powerful application programming interface (API)

- Smart Search (motion, perimeter, light)

- Search based on date, time, camera, alarm

- Windows XP Professional operating system

- Covert camera

- Includes one license of Network Client

- Supports up to 10 Network Client users

- Control domes from Intellex and Network Client**

- Desktop dimensions: 172 × 432 × 464 mm (6.75 × 17.0 × 18.25 in) Weight: 14.50 kg (31.90 lbs)

- Rack mount dimensions: 175 × 432 × 521 mm (6.875 × 17.0 × 20.5 in) Weight: 20.39 kg (44.95 lbs)

Deluxe:

Includes ALL the Standard features (listed above) **PLUS** the following:

- Includes one USB to RS-232 converter

- Export capabilities to CD-RW

- Fourth monitor output (analog call/spot monitor)[†]

Premier:

Includes ALL the Deluxe features (listed above) **PLUS** the following:

- Video analysis tools (size, speed, direction of motion)

- Single channel of live and recorded audio

- Text-based searching and exception recording

- Support for remote text-based searching

- Support for remote video analysis tools

- Single channel of RS-232 text recording (expandable to 8 with additional hardware)

- Export capabilities to DVD-RW[‡]

*   Requires Network Client v4.04 or higher and supports the ADTT16E Touch Tracker Controller, ControlCenter 1100, ControlCenter 200, 300, AD2088 and AD2089.
**   Requires ADTT16E Touch Tracker Controller, AD168, AD1024, MP48, MP3200 or USB Control Module.
†   Available only with 16 channel systems.
‡   Only DVD-RW is available on Premier models; no CD-RW available.

www.americandynamics.net

Product offerings and specifications are subject to change without notice. Actual products may vary from photos. Not all products include all features. Availability varies by region; contact your sales rep.

Intellex DVMS

ACTIVE CONTENT COMPRESSION
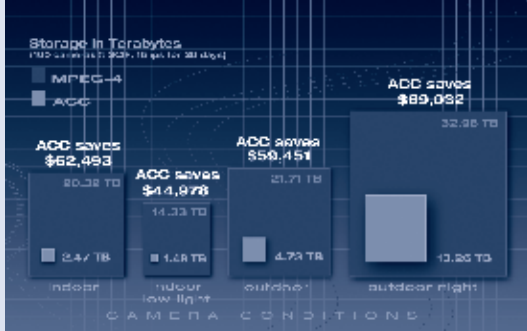
From a storage and transmission standpoint, compression is one of the key elements that makes digital video recording possible. While other video compression technologies originated to serve other purposes, American Dynamics Active Content Compression (ACC) was developed specifically for security and productivity management.

The trick to video compression is to remove information no one will notice is missing (i.e. noise). Since noise is a major player when it comes to compression and file sizes, it is only natural that it should be a consideration in compression methods. ACC uses noise immunity to compress images to create what is known as a prediction or updated frame. This includes only active content or changes within the image, and translates into smaller file sizes, less bandwidth and the ability to store over 9 times more video than MPEG-4 and MJPEG-based systems in the same space.

2 SELECT A MODEL

DESKTOP MODELS

8 Channel:

Standard	Deluxe	Premier
ADD800DVS016	ADD800DVD025	ADD800DVP025
ADD800DVS032	ADD800DVD050	ADD800DVP050

16 Channel:

Standard	Deluxe	Premier
ADD600DVS016	ADD600DVD025	ADD600DVP025
ADD600DVS032	ADD600DVD050	ADD600DVP050

RACK MOUNT MODELS

16 Channel:

Deluxe	Premier
ADD6R0DVD025	ADD6R0DVP025
ADD6R0DVD050	ADD6R0DVP050
ADD6R0DVD075	ADD6R0DVP075

AD D 6 00 DV P 050

Internal Storage
016 = 160 GB
025 = 250 GB
032 = 320 GB
050 = 500 GB
075 = 750 GB

Features
S = Standard
D = Deluxe
P = Premier

Platform
DV = DVMS

Chassis
00 = Desktop
R0 = Rack Mount

Channels
6 = 16 Channels
8 = 8 Channels

Family
D = Digital Video Management Systems

American Dynamics

Product offerings and specifications are subject to change without notice. Actual products may vary from photos. Not all products include all features. Availability varies by region; contact your sales rep.

AD AMERICAN DYNAMICS™

59|60

Intellex LT

ALL INTELLEX PLATFORMS WORK SEAMLESSLY TOGETHER

Whatever platform you choose, Intellex lets you customize your system and Network Client lets you manage them all from the same user interface. The Intellex API provides a powerful, yet easy to use, set of programming interfaces that enable interoperability with access control and business management software applications.

1 CHOOSE FEATURES THAT MAKE A DIFFERENCE

Deluxe:

- Multiplex, detect alarms and events, record video, audio and text, and much more

- Set dome presets, patterns and configurations right from the Intellex GUI

- Search for specific clips using video analysis tools and advanced text

- React faster to potential emergencies with immediate email notification of system events and alarms

- Customize camera views for flexible monitoring

- Respond to events with alarm-triggered dome positioning

- Record higher frame rates per second for certain cameras and assign the remainder to less critical cameras

- Easily export video, audio and text to CD-RW with one click of the mouse

- Store over 9 times more video than MPEG-4 and MJPEG-based systems using patented American Dynamics Active Content Compression (ACC) technology

- Connect up to three External Storage Modules (ESM) to expand the local storage capacity

- Use 3rd party applications—such as access control from Software House and Kantech as well as video forensics, virtual matrix, remote monitoring and more—integrated with Intellex via the powerful application programming interface (API)

- Control domes from Intellex and Network Client*

2 SELECT A MODEL

4 Channel:

Deluxe	Premier
ADD400LT**D**016	ADD400LT**P**016
ADD400LT**D**032	ADD400LT**P**032

8 Channel:

Deluxe	Premier
ADD800LT**D**016	ADD800LT**P**016
ADD800LT**D**032	ADD800LT**P**032

16 Channel:

Deluxe	Premier
ADD600LT**D**016	ADD600LT**P**016
ADD600LT**D**032	ADD600LT**P**032

Premier:

Includes ALL the Deluxe features (listed above) **PLUS** the following:

- Single channel of live and recorded audio

- Single channel of RS-232 text recording (expandable to 8 with additional hardware)

- Includes a USB to RS-232 converter (to allow for simultaneous use of ADTT16E Touch Tracker Controller and one channel of text)

- Third monitor output (analog call/spot monitor)**

AD D 6 00 LT **P** 016

Internal Storage
016 = 160 GB
032= 320 GB

Features
D = Deluxe
P = Premier

Platform
LT = LT

Chassis
00 = Desktop

Channels
6 = 16 Channels
8 = 8 Channels
4 = 4 Channels

Family
D = Digital Video Management Systems

American Dynamics

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* *Requires ADTT16E Touch Tracker Controller, AD168, AD1024, MP48, MP3200 or USB Control Module.*
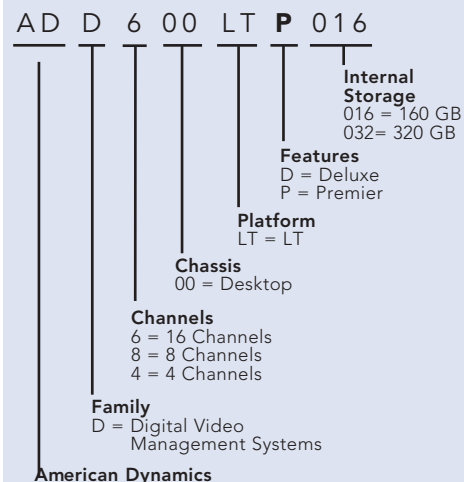** *Available only with 16 channel systems.*

Product offerings and specifications are subject to change without notice. Actual products may vary from photos. Not all products include all features. Availability varies by region; contact your sales rep.

Intellex IP

1 CHOOSE FEATURES THAT MAKE A DIFFERENCE

- Support for IP cameras and the 4-channel American Dynamics™ VideoEdge™ IP video encoders which allows customers to plug analog outputs into an American Dynamics surveillance environment to capture, display, store, retrieve and analyze security data over an IT network connection.

- Capture up to 4 CIF resolution

- Dual embedded Gigabit NIC

- Integrated recording and storage in a 1U rack mount chassis

- Keyboard, video, monitor (KVM) port on front

- Windows XP operating system

- 500 GB or 1.0 TB SATA hard drive configurations

- 16 video inputs

- Simultaneously record, play back, view remotely, conduct a search and more

- Text-based searching and exception recording

- Search based on date, time, camera, alarm

- Smart Search (motion, perimeter, light)

- Single channel of live and recorded audio

- Single channel RS-232 text recording (expandable to 8 with additional hardware)

- CD-RW/DVD-RW combo drive

- Multi-screen playback

- Use 3rd party applications—such as access control from Software House and Kantech as well as video forensics, virtual matrix, remote monitoring and more—integrated with Intellex via the powerful application programming interface (API)

- Alarm notification to remote software

- Pre-alarm recording and activity logging

- Image printing and enhancement tools

- Individual camera settings for sensitivity, quality and scheduling with IntelleCord (record all, alarmed recording and so on)

- Alarm quality and sensitivity setting

- Covert camera

- Selectable frame rates

- Supports external storage (via FireWire®)

- Seamless integration with other Intellex products

- Includes one license of Network Client Remote Management Software

- Support for up to 10 simultaneous Network Client users

- Control domes from Intellex and Network Client*

- Dimensions: 44 x 447 x 546 mm (1.75 x 17.6 x 21.5 in)

- Weight: 11.82 kg (26 lbs)

2 SELECT A MODEL

ADDIP**050**

ADDIP**100**

ADDIP**050E** *(Intellex IP v4.12 for use with VideoEdge IP encoder)*

ADDIP**100E** *(Intellex IP v4.12 for use with VideoEdge IP encoder)*

IP Cameras

ADCIPZ20N
(Fixed IP network color camera w/ integrated PTZ)

ADCIPRZ30N
(IP network color camera w/integrated PTZ)

ADCIPDF40N
(IP network mini-dome surveillance camera)

ADCIPDF70N
(IP network mini-dome surveillance camera with Day/Night function)

Housings

ADCHI**D7T1**

ADCHI**NS7T3**

ADCHI**RS7T3**

ADCHO**NS7C1**

ADCHO**PS7C1**

ADCHO**RS7C1**

VIDEO RESOLUTION (NTSC/PAL)	4CIF	2CIF	1CIF
Intellex IP v4.12	704 x 480/704 x 576	704 x 240/704 x 288	352 x 240/352 x 288
Intellex IP v4.0	640 x 480/640 x 480	640 x 240/640 x 240	320 x 240/320 x 240

* Requires the ADTT16E Touch Tracker Controller or an AD1024, MP48, or MP3200.

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VideoEdge™ IP Encoder

WHAT TYPE OF CUSTOMER
The encoder is best for customers who require a highly reliable video management system with the flexibility, scalability, and improved performance of IP. The encoder is remotely accessible, network ready, and easy to integrate with other equipment.

1 CHOOSE FEATURES THAT MAKE A DIFFERENCE

- 4-channel video and text encoder

- 30 ips NTSC/25 ips PAL per channel and 4CIF adjustable resolution per channel

- Quick and easy set-up; configure directly through the Intellex IP user interface

- Native Active Content Compression (ACC) technology with variable compression levels (3 quality settings and 2 motion sensitivities)

- Compatible with Intellex IP and integrates with the Intellex Management Suite including Network Client Remote Management Software, Intellex Policy Manager, Intellex Archive Manager, Browser Client and third party products developed using the Intellex API

- Compact, 1U form factor for shelf, wall, or rack mounting

- Four serial data channels for text input or PTZ camera control

- Flexible dome and PTZ control via RS232, RS422, RS485, or SensorNet

- Multiple video streams provide flexibility

- Set up via web browser allows pre-configuration of large encoder installations

- 10Base-T/100Base-TX network support

- Dedicated event input per camera for alarms

- Built-in watchdog detects and recovers from a system lockup

- Status indicators for power, Ethernet connection activity, and heartbeat

- Flexible network address generation and automatic discovery by Intellex IP

- Easily backup and restore encoder configurations

- Dual user access levels with password protection

- Flexible power options—Power over Ethernet (PoE) or Universal Power Supply

- Bandwidth throttling

2 SELECT A MODEL

4 Channel

ADEIP4 *(4 Channel IP encoder)*

ADEIP4**PS** *(4 Channel IP encoder with power supply)*

Accessories

ADEIP4**RM** (Rack mount kit)

ADEIP4**WM** (Wall mount kit)

Managing a digital video system through one interface is an enormous time-saver, as well as a tremendous security enhancer since the administrator can easily call up hundreds of cameras from remote Intellex systems or matrix switchers without congesting the network.

Buildings around the globe feel safer when American Dynamics solutions are on the job.

The security requirements of demanding environments such as casinos, retail, enterprises and other security-critical applications are more challenging today than ever before. Leveraging its long, successful heritage in video security, American Dynamics has developed a comprehensive suite of products that comprise the most powerful surveillance and security solution on the market. For customers who require constant live video but want the flexibility of instantly calling up recorded video of specific events without having to switch to a different system, the American Dynamics Enterprise Surveillance Solution offers a powerful and intuitive solution.

Enterprise Surveillance Checklist

✓ 4CIF at 240 ips and 2CIF at 480 ips

✓ Real-time video management with no network downtime

✓ Frame by frame play back, forward or reverse

✓ Single interface and keyboard control of cameras, DVRs, switchers

✓ Integration with access control

✓ Superior compression for maximum storage

✓ Low light camera capabilities

✓ Seamless play back from keyboard

Network Client*

Network Client is the key to the American Dynamics Enterprise Surveillance Solution. Whether you want to seamlessly manage thousands of cameras through a matrix switcher system**, or create a virtual matrix by linking to any number of Intellex digital video management systems on your network, Network Client makes it happen with a single stroke of the keyboard. (see pp. 66-67)

MegaPower 3200†

Expand your existing American Dynamics matrix system or start new with a powerful system that supports up to 3,200 inputs. MegaPower 3200 offers the benefits of both analog and digital switching and is ideal for those looking to extend their current systems into digital video without abandoning their previous investments in analog technology and components. (see pp. 79-80)

Intellex Ultra

The sleek, 3U Intellex Ultra delivers 4CIF images at 30 ips‡ and uses patented Active Content Compression (ACC) technology for the most compressed video images, making it an ideal solution for facilities with limited storage space. View recorded video frame by frame forward or reverse, a critical feature when reviewing video for suspicious activity.

RAID Storage System

The American Dynamics RAID Storage System provides the hot swappable, high-capacity storage configurations required by casinos. (see p. 69)

AD2089

The AD2089 matrix keyboard offers extremely intuitive controls allowing operators at even the busiest monitoring centers to quickly and efficiently manipulate cameras and play back video. (see p. 84)

*   Requires Network Client v4.03 or higher.
** Network Client integration is available with the following matrix platforms: MPCPU, MP3200, MP48 and MP1024.
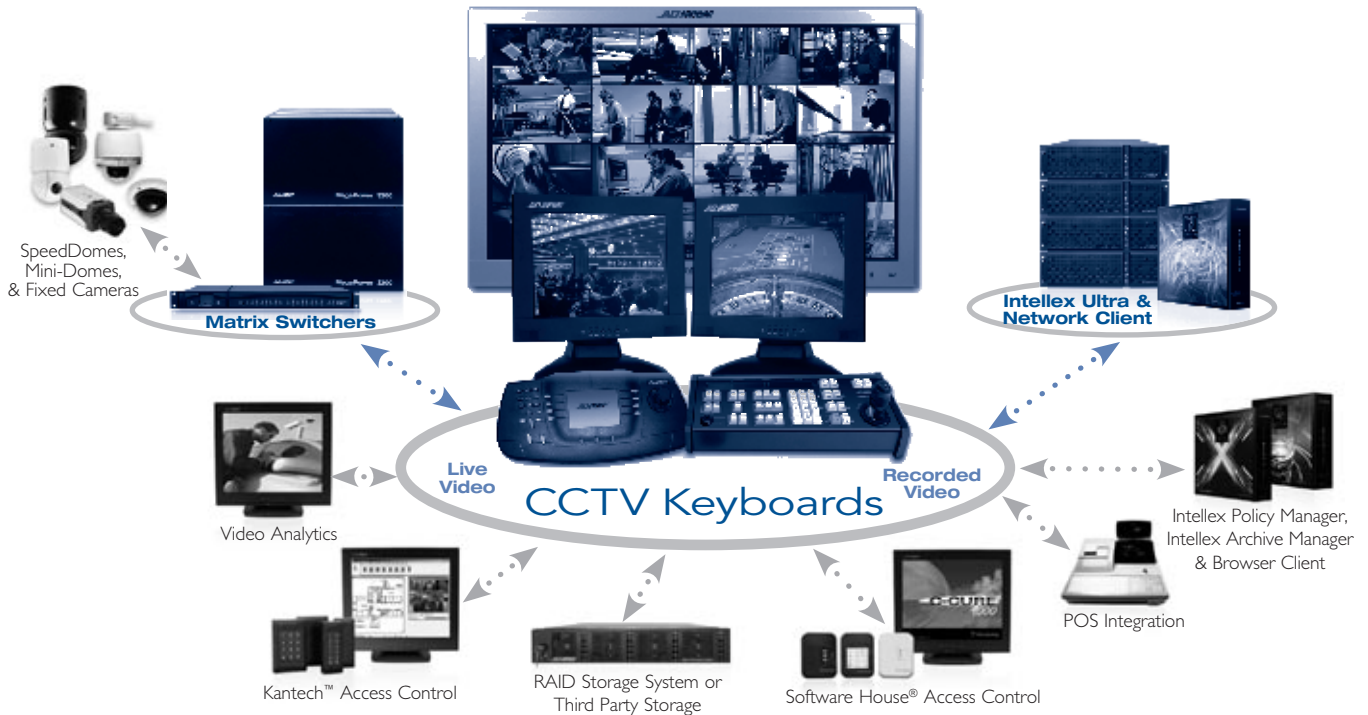†   Supports the ADTT16E Touch Tracker Controller, ControlCenter 1100, ControlCenter 200, 300, AD2088 and AD2089.
‡   All ips measurements reflect NTSC format. 120 ips NTSC =100 ips PAL.

Enterprise Surveillance Solution

SYSTEM DIAGRAM

SpeedDomes,
Mini-Domes,
& Fixed Cameras

Matrix Switchers

**Intellex Ultra &
Network Client**

**Live
Video**

CCTV Keyboards

**Recorded
Video**

Video Analytics

Intellex Policy Manager,
Intellex Archive Manager
& Browser Client

POS Integration

Kantech™ Access Control

RAID Storage System or
Third Party Storage

Software House® Access Control

Matrix Switcher Integration

Situation: A large casino currently uses analog hardware for their surveillance system, such as matrix switchers, keyboards, and monitors.

Challenge: The casino wants to add the ability to play back recorded video on analog monitors and control cameras via a matrix keyboard without having to retrain the operator (no PC keyboard or mouse).

Solution: Add a PC running Network Client and use a serial connection for the AD2088 or AD2089 keyboard – a powerful, easy to use solution that's transparent to the operator.

Virtual Matrix

Situation: A business has multiple mid-sized facilities around the country with cameras monitoring areas like parking lots, visitor entranceways and loading docks.

Challenge: The security administrator wants to be able to simultaneously display as many cameras from remote locations as possible. However, because each location only needs to monitor a few areas, installing a matrix switcher at each location is not a cost-effective option.

Solution: Network Client displays up to 64 cameras with four monitors using the customers existing network infrastructure on which the Intellex digital video management systems are installed. A single mouse-click or stroke of the keyboard will manage the "wall of monitors" via Network Client.

AD AMERICAN DYNAMICS™

Network Client

Laptop and monitors sold separately.

Install Network Client on any PC with a network connection and you'll have control of every Intellex on your system, no matter how far-flung or decentralized the operation. Simply log in and access a menu just as if you were sitting in front of an Intellex. You can view live video from up to 64 cameras simultaneously, send and receive alarm notifications, and much more. Now, it's easier than ever with our exciting new CCTV keyboard options that give you the functionality of a virtual matrix.

1 CHOOSE FEATURES THAT MAKE A DIFFERENCE

- Receive alarm notifications from several Intellex units regardless of whether Network Client is active

- Remotely use video analysis tools for scheduling cameras to record and specifying search criteria based on the size, speed and direction of an object in motion

- Remotely use the advanced text tool for scheduling cameras to record and specifying search criteria based on the contents and contexts of a text transaction

- Remotely search for video using standard or Smart Search tools

- Organize camera icons on your computer screen as easily as you would arrange files and folders on a PC

- Simultaneously view live or recorded video from multiple cameras on one or more Intellex units

- Play back video from one or multiple cameras with both audio and text

- Use the network bandwidth limiter to download or transfer video without overtaxing your system

- Remotely synchronize all Intellex units on your network by the hour, minute and second

- Email or export video segments on CD and DVD in AVI or proprietary format converted via Network Client

- Supports video analytics with integrated snap-in interface

2 SELECT A MODEL

ADDSNC41 *(Single license)*
ADDSNC41**UL** *(Corporate license)*

Virtual Matrix/Keyboard Control with MegaPower Matrix Switcher Integration
ADDSNCVMK *(Single license)*
ADDSNCVMK**UL** *(Corporate license)*

Snap-In Manager & Virtual Matrix/Keyboard Control with MegaPower Matrix Switcher Integration
ADDSNCSIVMK *(Single license)*
ADDSNCSIVMK**UL** *(Corporate license)*

Snap-In Manager
ADDSNCSI *(Single license)*
ADDSNCSI**UL** *(Corporate license)*

Keyboard Accessories
ADACKBPC2000
(Connection kit, for AD2000 series keyboards)

ADACKBPCMPCC
(Connection kit, for ControlCenter series keyboards)

Intellex Management Suite

Browser Client:

- Remote dome control and viewing of live Intellex video through a web browser (requires Windows operating system and Internet Explorer)

- Access to multiple Intellex units

- Similar GUI to Network Client

- Easy 1-2-3 step installation and setup for the administrator

- Self-installing web browser plug-in software upon connection

- Password protected

- Online help

RDVBC**11**

Available free at:
www.americandynamics.net

Intellex Policy Manager:

- Enables advanced security for Intellex Ultra, DVMS, LT or IP

- Tighter access management of Intellex functions with login credentials and access privileges per user per group

- Integrate physical security with IT security via Windows network security

- Central management of security accessible anywhere through the Admin Client

- Simplified configuration by applying security templates to multiple Intellex systems

- Monitor availability of Intellex units and access violations by using the logs in Windows Event Viewer generated by Intellex Policy Manager

- Leverages Microsoft Management Console (MMC) technologies

ADDSPM12U**10**
(Up to 10 Intellex Units)

ADDSPM12U**25**
(Up to 25 Intellex Units)

ADDSPM12U**UL**
(Unlimited Intellex Units)

License Upgrades
ADDS**P**MLU**1025**
ADDS**P**MLU**10UL**
ADDS**P**MLU**25UL**

Training
ADSWTC**P**M

Intellex Archive Manager:

- Manages the storage of video, audio and text data to network-attached storage devices

- Integrates with Intellex Policy Manager for securing access to network stored data

- Increases storage capacity, allowing you to retain video longer

- Provides the ability to assign storage space per Intellex unit and control which storage devices are online

- Specify archive data (alarms, schedules, specific cameras)

- Provides Network Client access to network stored data

- User interface provides real-time storage status and reports

- Leverages Microsoft Management Console (MMC) technologies

ADDSAM12U**10**
(Up to 10 Intellex Units)

ADDSAM12U**25**
(Up to 25 Intellex Units)

ADDSAM12U**UL**
(Unlimited Intellex Units)

License Upgrades
ADDS**A**MLU**1025**
ADDS**A**MLU**10UL**
ADDS**A**MLU**25UL**

Accessories & Upgrades

Intellex Accessories*:

ADRSS048TB

AD1024CPUKIT

DVRM-01

ADACHDDC
(500 GB)

RAID Storage System, iSCSI, 3.0 TB ADRSS030TB
RAID Storage System, iSCSI, 4.8 TB ADRSS048TB
RAID Storage System, iSCSI, 6.0 TB ADRSS060TB
RAID Storage System, iSCSI, 3.0 TB, Hot Spare ADRSS030**TBH**
RAID Storage System iSCSI, 4.8 TB, Hot Spare ADRSS048**TBH**
RAID Storage System, iSCSI, 6.0 TB, Hot Spare ADRSS060**TBH**
RAID Storage System Kit, HDD & Tray, 250 GB, 16 MB cache ADHDRSS**250**
RAID Storage System Kit, HDD & Tray, 400 GB, 16 MB cache ADHDRSS**400**
RAID Storage System Kit, HDD & Tray, 500 GB, 16 MB cache ADHDRSS**500**
Extended Storage Module (ESM) 640 GB, rackmountable .ESM**640**
Extended Storage Module (ESM) 1000 GB, rackmountable .ESM**1000**
Intellex Ultra hard drive replacement, 500 GB ADACHDDC**500**
Intellex rack mount kit, requires v2.0 or higher DVRM-**01**
Intellex BNC rack mount extension kit, requires DVMS v2.0 or higher. UHRM**09**
Intellex Ultra video BNC looping panel . . . . .ADACHULP
Intellex DAT, ext drive, SCSI card, for
hardware systems v2.1 & higher, software v2.4 & higher, 120 VAC RDV**DAT**01
Intellex 1 to 4 Text Data Port Expander, ext USB, hardware
systems v2.1 & higher, software v2.4 & higher. RDV**EXP01**
Intellex 1 to 8 Text Data Port Expander, ext USB, hardware
systems v2.1 & higher, software v3.1 & higher. RDV**EXP02**
Intellex speakers, pair, external, for hardware systems v2.1 & higher,
software v2.4 & higher, 120 VAC RDV**SPK01**
Intellex USB to RS-232 Adapter RDV**USB**23201
Anti-Virus Protection . . . . available at www.americandynamics.net

Software and Hardware Upgrades*:

• Upgrades provide an
  ever-increasing return on
  your initial investment; visit
  www.americandynamics.net

Software Upgrades

RDVUPG41
Intellex software upgrade takes your system
from version 4.0 to version 4.1

RDVUPG40
Intellex software upgrade takes your system
from version 2.x or 3.x to version 4.0
(for DVMS and LT platforms)

RDVUPG40IP
Intellex software upgrade takes your system
from version 3.2 to version 4.0 (for Intellex IP)

RDVUPG40RMS
Intellex software upgrade takes your system
from version 3.x to version 4.0 (for Intellex
RMS)

RDVUPGPRM
Intellex Deluxe to Premier upgrade package
provides advanced tools and added features
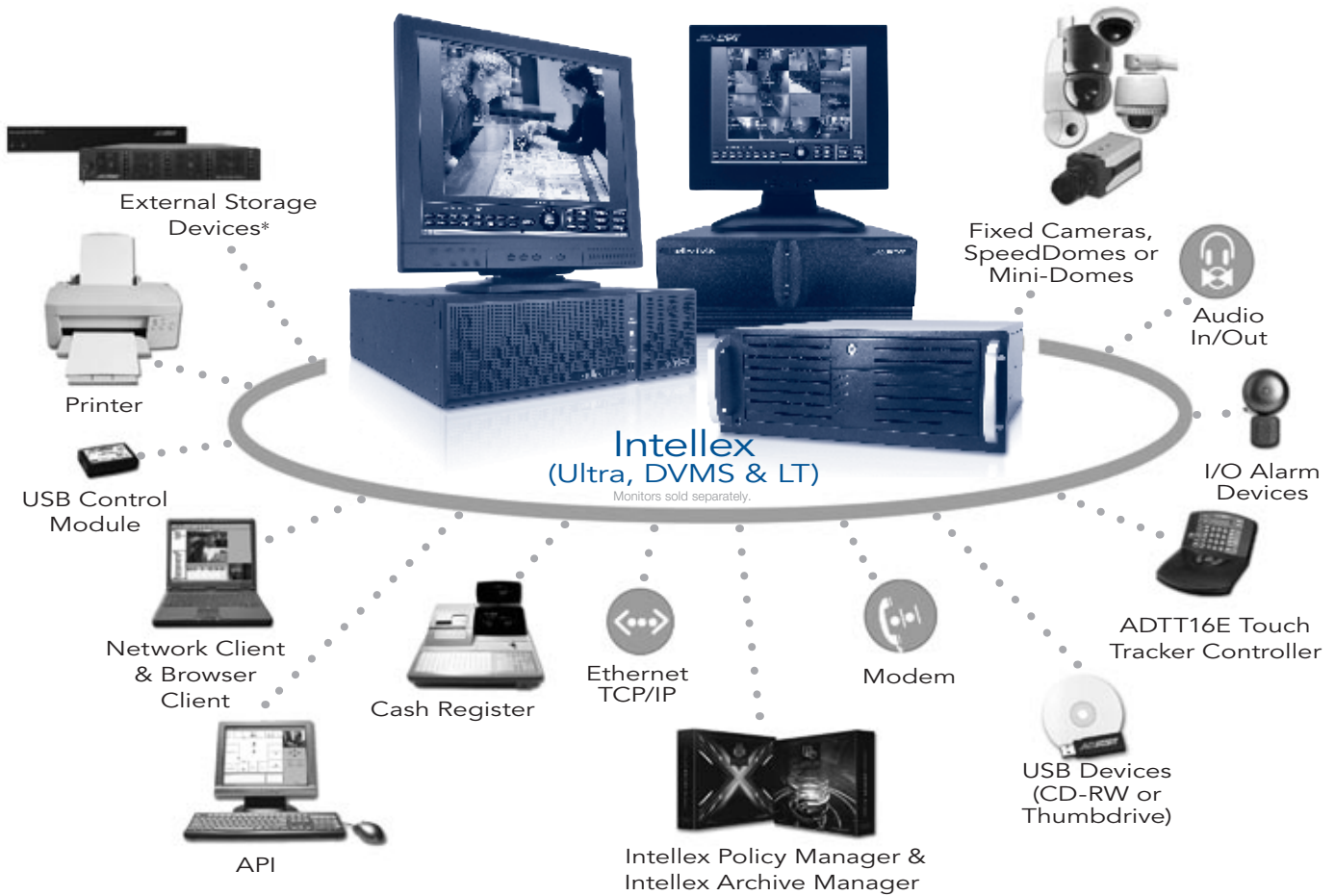that record and play back audio and text

Hardware Upgrades

RDVUPGFW
FireWire interface upgrade kit equips your
Intellex to interface with ESMs

RDVUPGCMB
Call monitor board upgrade kit lets you
add a 3rd monitor for dedicated use with
a specific camera (for 16 channel Intellex
models only)

RDVUPGM1 (PCI slot)
56K modem upgrade to remotely connect
to Intellex via phone lines to run Network
Client or Browser Client

RDVUPGSCSI01
Intellex SCSI3 adapter card

Check the data sheet at www.americandynamics.net for the current minimum requirements.

Intellex Ultra, DVMS & LT
SYSTEM DIAGRAM

External Storage Devices*

Printer
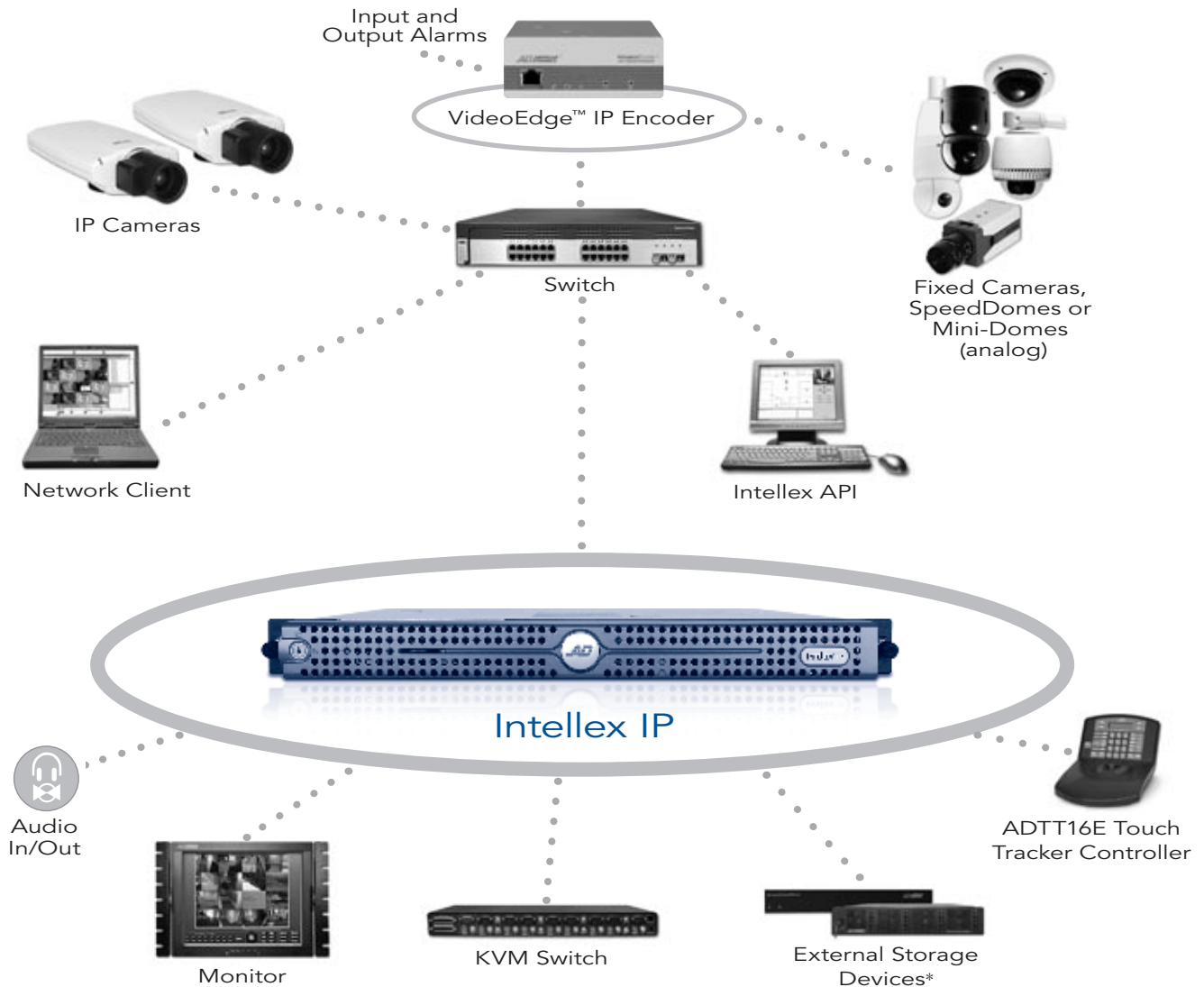
USB Control Module

Network Client & Browser Client

Cash Register

API

Intellex Policy Manager & Intellex Archive Manager

Ethernet TCP/IP

Modem

Intellex
(Ultra, DVMS & LT)
Monitors sold separately.

Fixed Cameras, SpeedDomes or Mini-Domes

Audio In/Out

I/O Alarm Devices

ADTT16E Touch Tracker Controller

USB Devices (CD-RW or Thumbdrive)

Whatever platform you choose, Intellex lets you customize your system. Add fixed cameras and SpeedDomes and operate them with the ADTT16E Touch Tracker Controller. Display video on a variety of monitors, integrate I/O alarm devices, stream in audio or ASCII text from cash registers. Even add a printer. Need more storage capacity? Install up to three External Storage Modules (ESMs) for each Intellex DVMS or LT, or the RAID Storage System for Intellex Ultra. Want to integrate your video with 3rd party software? The Intellex API provides a set of programming interfaces that enable interoperability with access control and business management software applications.

*ESM compatible with only Intellex DVMS, LT or IP; RAID Storage System is compatible with Intellex Ultra v4.0 Service Pack 1 (v4.03) or higher.

Product offerings and specifications are subject to change without notice. Actual products may vary from photos. Not all products include all features. Availability varies by region; contact your sales rep.

AMERICAN DYNAMICS™

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Intellex IP

SYSTEM DIAGRAM

Input and
Output Alarms

VideoEdge™ IP Encoder

IP Cameras

Switch

Fixed Cameras,
SpeedDomes or
Mini-Domes
(analog)

Network Client

Intellex API

Intellex IP

Audio
In/Out

Monitor

KVM Switch

External Storage
Devices*

ADTT16E Touch
Tracker Controller

With Intellex IP, you can connect both IP cameras and — via video encoders — analog fixed cameras and SpeedDome programmable dome cameras. Network Client lets you access surveillance video directly from your computer network while a switched network minimizes the impact on bandwidth by segregating the traffic generated by the cameras and video encoders from the rest of the system. You can expand your storage capacity by adding up to three ESMs and get interoperability with 3rd party software for access control, point of sale systems and other applications that integrate with the Intellex API. Intellex IP is compatible with all Intellex platforms and the Intellex API.

* ESM compatible with only Intellex DVMS, LT or IP; RAID Storage System is compatible with Intellex Ultra v4.0 Service Pack 1 (v4.03) or higher.

EDVR

Monitor sold separately.

THUMBNAIL SEARCHES Perform searches using up to eight different time intervals (from one year down to one second) to quickly and easily find the exact video clip you're looking for.

1 CHOOSE FEATURES THAT MAKE A DIFFERENCE

- Full triplex operation allows simultaneous live or playback viewing and recording operations

- Available in 4, 9 & 16 channel desktop or rack-mountable configurations with 2 audio channels

- 80 GB, 160 GB, 320 GB & 640 GB hard drive capacities

- Embedded proprietary operating system ensures high reliability

- Intuitive front panel provides easy control and management

- Remotely manage your system with the client software or a web browser

- Records up to 60 ips (720 × 240) NTSC, 50 ips (720 × 288) PAL and uses MJPEG compression

- Powerful search capabilities, including first-in-its-class thumbnail searches, make it easy to find the right video clip

- Front panel dome control for pan/tilt/zoom and presets/protocols

- Supports adjustable motion detection and covert cameras for enhanced security

- Unalterable digital signatures of recorded video ensure authenticity

- Pre-alarm image recording puts your video clips in context

- Effectively manage video storage with adjustable camera settings, duration settings, and four hard drive configurations

- User selectable NTSC and PAL video output

- Built-in CD-RW and Secure Digital (SD) card slot make it easy to export video clips and keep the system up to date

2 SELECT A MODEL

4 Channel	16 Channel
ADEDVR00**4008**	ADEDVR01**6008**
ADEDVR00**4016**	ADEDVR01**6016**
ADEDVR00**4032**	ADEDVR01**6032**
ADEDVR00**4064**	ADEDVR01**6064**

9 Channel

ADEDVR00**9008**

ADEDVR00**9016**

ADEDVR00**9032**

ADEDVR00**9064**

AMERICAN DYNAMICS

EDVR

S Y S T E M   D I A G R A M

EDVR

Monitor sold separately.

2 Audio
In/Out

Fixed Cameras,
SpeedDomes or
Mini-Domes

Ethernet
TCP/IP

EDVR Client
EDVR Web Viewer

Export CD-RW,
SD Card

ADTT16E
Touch Tracker
Controller

I/O Alarm
Devices
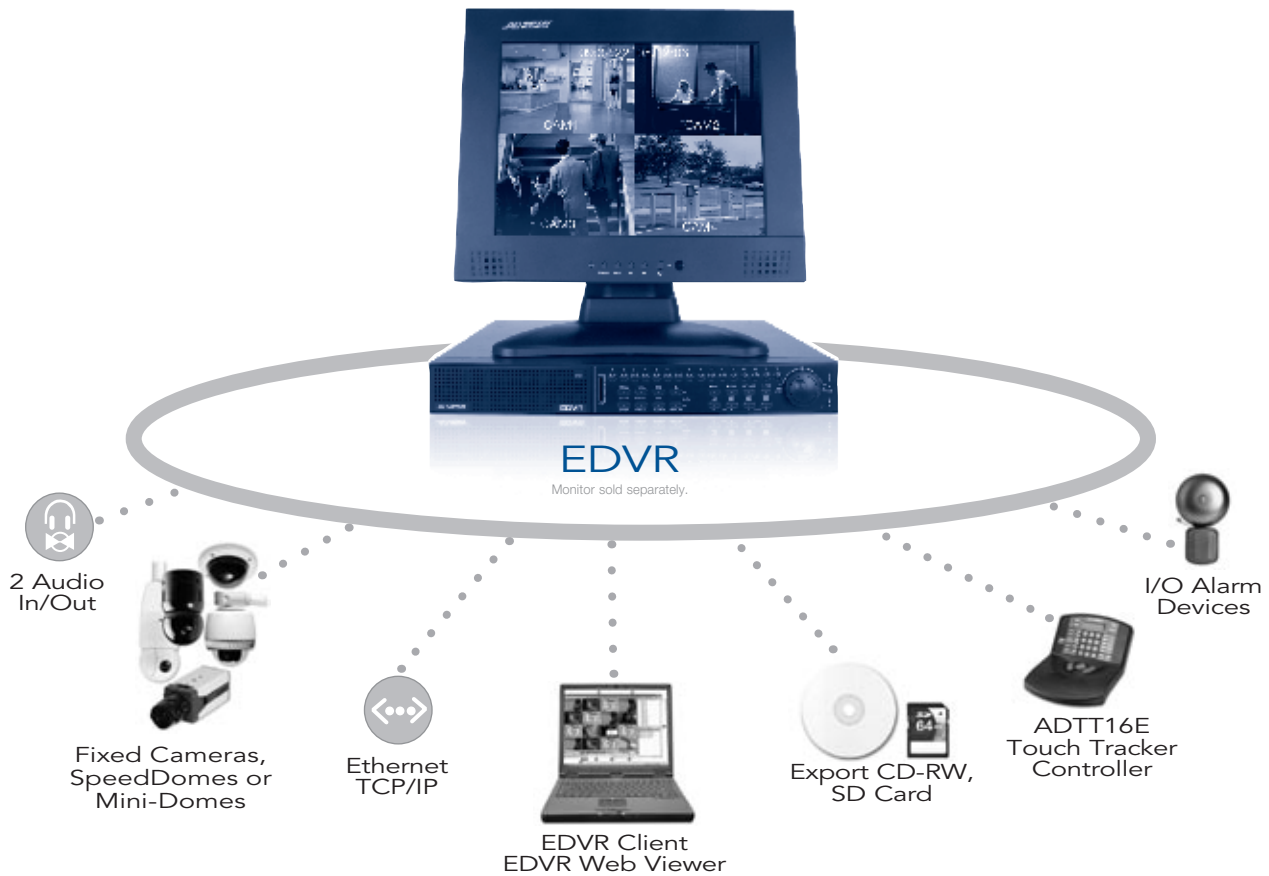
From the powerful SpeedDome Ultra programmable dome camera with Electronic Image Stabilization to the rugged Discover Mini-Domes, the American Dynamics EDVR can record images from any camera or dome in the American Dynamics portfolio. For added convenience, your customers can control domes and cameras directly from the EDVR front panel, from the ADTT16E Touch Tracker Controller, or from the EDVR client software. With complete pan, tilt, or zoom capabilities, your customers can get a better view and, therefore, better security.

Matrix Switcher/Controller Systems & Keyboards

"The capital expenditure is not the issue. It is one thing to purchase a matrix switcher; it is another thing to maintain it. We bought ours from American Dynamics and have no regrets. I'm very appreciative of the training classes. The quality of instruction and technical support have helped us immensely."

– Ron Ackerman
Security Consultant
Regina Airport Authority,
Canada

Our matrix switchers give you the basic building blocks for developing a video surveillance system tailored to the dimensions your situation dictates. Every one of our matrix switchers is full cross point, equipped with dome control and sophisticated alarm handling. You can program a variety of responses from one or multiple alarms to include any combination of salvos, presets, patterns, auxiliary actions and more. The greatest strength of our matrix switchers besides proven reliability, lies in their scalability, start as small as 16 inputs by 4 outputs and grow your system to accommodate 1000s of cameras and domes.

We also provide a complete selection of keyboards, from basic to the most feature-rich. Macros, multifunction keys and smart cards make them easy to use. Whether you prefer a small footprint or a traditional industrial design, we have the right keyboard for you.

MegaPower LT:

Created for busy environments like retail stores, hospitals and schools, the MegaPower LT provides a complete video surveillance system at an affordable price. Small and versatile, it features advanced alarm handling capabilities usually reserved for larger systems as well as video loss detection on all channels. Ideal for sites that require retrofitting, the MegaPower LT is compact and fits just about anywhere - in racks or on walls, even under a desk. Choose from 16 and 32 input models with 4 or 8 outputs.

MegaPower 48 Plus:

Scaled to small and mid-sized operations, the MegaPower 48 Plus incorporates features you would expect only in the largest of systems: video loss detection with programmable responses, wireless text messaging on alarm, a choice of keyboards and more. With our recorder control devices, you can integrate VCRs or DVRs and play, pause, stop, record, rewind, fast forward and eject without ever leaving the console. This matrix switcher provides 48 inputs, which can be expanded to 288. Eight of its 16 video outputs include text overlay.

MegaPower 3200:

The MegaPower 3200 is the ultimate modular, scalable video matrix switcher/controller system. This full-featured, pre-packaged system is designed for the largest and most sophisticated users of CCTV such as airports, corporate or government complexes, casinos, and large medical centers. The system can start with a single CPU and switcher bay, will support upgrades and enhancements, including more inputs and outputs, and is a bridge to the hybrid analog/digital future. The MegaPower 3200 expands upon the time proven MegaPower 1024 matrix switcher technology, providing up to 3200 video inputs and 256 video outputs. The MegaPower 3200 supports up to 64 keyboards in the single CPU configuration and 128 keyboards in the dual CPU configuration. Hot switch capability no longer requires the accessory Hot Switch unit. New features include the re-designed EASY CPU configuration and monitoring software, activity logging, and snap shot. The MegaPower 3200 supports up to 30 satellite systems.

Matrix Switchers

CHOOSE A MATRIX SWITCHER SYSTEM THAT IS RIGHT FOR YOU

MATRIX SWITCHER SYSTEM COMPARISON TABLE			
	MegaPower LT	**MegaPower 48 Plus**	**MegaPower 3200**
Maximum System Size (video input x video output)	32 x 8	288 x 8 (192 x 12 or 144 x 16)	3200 x 256
Minimum System Size (video input x video output)	16 x 4	48 x 16 (8 with text)	16 x 4
Modular Design	No	No	Yes, (16 x 4)
Looping Inputs	Yes, Auto Termination	No	Yes, with ADULP
Maximum Keyboards/Users	8	244 (32 per unit)	128
Internal Video Loss Detection	Yes	Yes	Yes (AD2010DBVL)
CPU Hot Switch Option	No	No	Yes, inherent
Windows Setup Package	No	Yes	Yes
System Programming Back-up	Yes	Yes	Yes
Macro Control	Via ADCC1100, AD2088 & AD2089	Via ADCC1100, AD2088 & AD2089	Via ADCC1100, AD2088 & AD2089
Recorder Control	Yes	Yes	Yes
Multiple Languages	Yes	Yes	Yes
Multi-Site Control	Yes	Yes	Yes
Alarm Inputs	16 or 32	512 (16 via patch panel, 144 via domes, 48 via video loss and 512 via RS-232)	4,096 via AD2096, AD2083 or RS-232
Alarm Tables	1	10	10
Alarm Titles	Yes	Yes	Yes
Text Messaging on Alarm	No	Yes	Yes
On Screen Text	Yes	Yes	Yes
Preset Titles	No	4,096	No
Views/View Titles	Yes	No	No
Individual Monitor Tours	No	Yes	Yes
Universal Tours	16	64	64
Salvo Switching	No	64	64
System Partitioning	Yes	Yes	Yes
Priority Levels	8	8	8
User Passwords	No	64	64
Event Timers	No	35 (also includes alarm table)	35
Monitor Status Menu	No	Yes	No
Dome Protocol	SensorNet, AD-UTC and FSK	Manchester, SensorNet and AD RS-422	Manchester, SensorNet and AD RS-422
American Dynamics Data Line	No	No	Yes
Reference Page Number	77	78	79-80

AMERICAN DYNAMICS™

MegaPower LT

Merchants get the goods on shoplifting and internal theft with the MegaPower LT and 48 Plus, reducing shrinkage and increasing their bottom line.

1 CHOOSE FEATURES THAT MAKE A DIFFERENCE

- Embedded menus support English, French, Spanish, German and Italian
- 16 x 4 or 32 x 8 models
- Looping inputs, auto terminated
- SensorNet or American Dynamics Up-the-Cable (UTC) and FSK dome protocols
- Control of RS-422 domes using the SensorNet to RS-422 converter
- New DirectSet function for changing dome settings
- 128 views (camera/preset and camera/pattern)
- 16 sequences/tours
- ADnet (RS-485) and RS-232 communication protocols
- Keyboard generated (soft alarm) and RS-485 network events

- Up to eight keyboards with priority settings
- Password protection for menu entry
- Network up to three matrix systems on ADnet (RS-485) bus
- Dome ping test
- System partitioning
- Video loss detection on all channels
- 16 alarm inputs with 1 relay output (16 channel model); 32 alarm inputs with 2 relay outputs (32 channel model)
- Alarm titles
- Five alarm display modes
- Three alarm response modes
- Send alarm messages to other networked matrix systems

- 255 event messages
- Dimensions: 90 x 445 x 185 mm (3.5 x 17.5 x 7.3 in)
- Weight: 3.5 kg (7.7 lbs)

2 SELECT A MODEL

ADMP**LT16**	ADMP**LT32**
ADMPLT**16C2** *(with ControlCenter 200 Keyboard)*	ADMPLT**32C2** *(with ControlCenter 200 Keyboard)*
ADMPLT**16C3** *(with ControlCenter 300 Keyboard)*	ADMPLT**32C3** *(with ControlCenter 300 Keyboard)*

MegaPower 48 Plus

INNOVATIVE DESIGN

Install the MegaPower 48 Plus on any flat surface. You can even angle it within a standard rack for easier cable connections. The slim, vertical design features a 3.25" profile that fits virtually anywhere and reduces wiring costs by enabling you to locate the unit more centrally to your domes and cameras.

1   CHOOSE FEATURES THAT MAKE A DIFFERENCE

- 3 flexible expansion modes using a primary/secondary configuration of up to 7 systems and 288 cameras

- Ethernet Cat 5 IP connection for multi-matrix communications and system setup

- EASY 48 configuration and monitoring software for Windows XP, 2000, 95/98 and NT® 4.0-based systems

- Dome ping test and status display

- Improved legacy RS-422 dome support, including simplex RS-422

- SensorNet/RS-232 command for DirectSet dome control menu with ControlCenter 200 and 300 series keyboards

- Modular microprocessor-based, high-density matrix

- 48 video inputs by 16 video outputs, 8 video outputs with text overlay

- Supports both NTSC and PAL video standards

- Slim, vertical wall-mount design; optional rack mount kit available

- Tool-free removability of main electronics unit (MEU) keeps system wiring intact

- Optional Unshielded Twisted Pair (UTP) adapter module allows installation with simple UTP cable for video

- Full embedded system menus for easy system setup

- Removable flash memory module for data backup without a PC

- Recorder control for VCRs and DVRs via recorder control devices (AD100 series, see p. 85)

- User-defined macros

- Supports wireless text messaging on alarm for pagers and cellular phones

- 4096 preset titles, 250 alarm titles

- Dedicated alarm programming tables that differentiate between alarm sources

- Eight flexible RS-232 inputs, expandable to 32 (per system)

- 64 system tours and 64 salvos

- Dimensions: 508 × 438 × 89 mm (20 × 17.3 × 3.5 in)

- Weight:
  Main Electronics Unit: 2.72 kg (6 lbs)
  Wall Bracket: 1.54 kg (3.4 lbs)
  Patch Panel Assembly: 1.72 kg (3.8 lbs)

2   SELECT A MODEL

ADMP48-**E**

Accessory:
VR48KIT
(Cable Management Kit, rack or wall mountable)

AMERICAN DYNAMICS

SCALABLE AND FLEXIBLE FOR A FUTURE-PROOF SYSTEM

The MegaPower 3200 expands upon the time proven MegaPower 1024 matrix switcher, providing up to 3200 video inputs and 256 outputs.

1 CHOOSE FEATURES THAT MAKE A DIFFERENCE

- Single CPU with 16 RS-232 ports supporting up to 64 keyboards via American Dynamics port expanders

- Dual units connected together via cross over cables provide 32 RS-232 ports supporting up to 128 keyboards with American Dynamics port expanders

- Dual CPU mode provides redundant CPU backup protection with fault detection and hot-switch failover to ensure uninterrupted system operation

- Enhanced Administration System (EASY) configuration and monitoring software tool to retrieve, archive, and load back MegaPower CPU data

- IP 10/100 Ethernet network connection for PC-based configuration, firmware updates, activity logging, snapshot and e-mail text messaging

- Activity logging and reporting of user control, alarms, and configuration changes to a network PC

- Single CPU systems with up to 128 video outputs and dual CPU systems of up to 256 video outputs

- Up to 3200 video inputs

- Satellite-connection of up to 30 systems provides full cross-point video matrix of up to 38,528 video inputs by 256 video outputs

- Automatic call-up of alarms defined by four time-controlled tables each with 4,096 entries for inputs or optional Internal video loss detection

- 128 alarm text messages can be defined with 25 alarm display/clearance modes, and 16 e-mail messages

- LCD display for CPU status and LED indicators for port activity

- Easy swap out of CPU modules without removing system cables

- Store snapshot of important scenes to network PC upon request

- Multilingual software supports English, French, Italian, German, Spanish, and Portuguese

2 SELECT A MODEL

The configuration tool below adds flexibility to any job, allowing change as the customers' requirements change. Pre-configured systems from 4 to 128 outputs include one MPCPU; pre-configured systems >128 outputs include two MPCPU.

ADMPRV xxxx - yyy N

"blank" = standard system
"V" = factory installed video loss detection

# of inputs, increments of 16, up to 3200 (i.e. 16, 32...3200)

"–" = standard BNC inputs on VIM Back Panels
"S" = all VIM4 & Remote Panels (30" cables)
"L" = all VIM4 & Remote Panels (96" cables)

# of outputs, increments of 4, up to 256 (i.e. 4, 8...256)

"N" = 120 VAC (+ or - 10%), 50-60 Hz, UL & CSA
"P" = 100-240 VAC, 50-60 Hz, CE
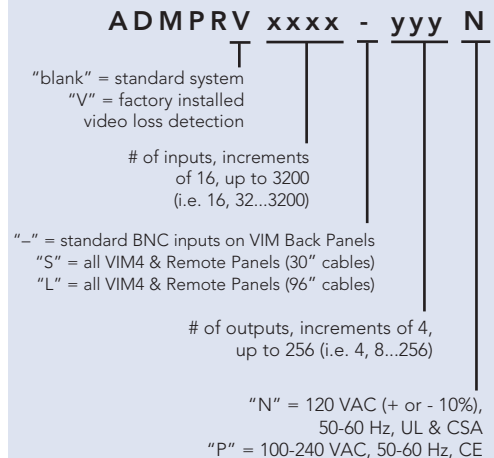
MegaPower 3200

MegaPower 3200 Components:

Central Processing Unit

• MegaPower CPU for MegaPower systems, 100-240 VAC. . . . . ADMPCPU
• RJ45 to screw terminal connector (quick-on connector for easy and clean installation). ADACQORJ45

Switcher Bays

• Matrix standard bay for MP3200 system, includes AD2010PS & AD2010DB, 120 VAC AD20**10N**
• Matrix bi-level bay for MP3200 system, includes AD2010PS & AD2010DB, 120 VAC AD20**20N**
• Matrix standard bay for MP3200 system, includes AD2010PS, AD2010PS-1 & AD2010DB, 100-240 VAC. AD20**10P**
• Matrix bi-level bay for MP3200 system, includes AD2010PS, AD2010PS-1 & AD2010DB, 100-240 VAC. AD20**20P**

Video Input

• Matrix input card for MP3200 systems (no back panel) AD2016**PC**
• Matrix input module for single level MP3200 systems, w/back panel AD2016**AVIM-1***
• Matrix input module for level 1 of multi-level MP3200 systems, w/back panel AD2016**AVIM-2**
• Matrix input module for level 2 of multi-level MP3200 systems, w/back panel AD2016**AVIM-3**
• Matrix input module for additional multi-level MP3200 systems, w/back panel. AD2016**AVIM-4**
• Matrix back panel for AD2016AVIM-1 for MP3200 systems (no input card) AD2016**BP-1***
• Matrix back panel for AD2016AVIM-2 for MP3200 systems (no input card) AD2016**BP-2**
• Matrix back panel for AD2016AVIM-3 for MP3200 systems (no input card) AD2016**BP-3**
• Matrix back panel for AD2016AVIM-4 for MP3200 systems (no input card) AD2016**BP-4**

Video Output

• Matrix output module for 960 input MP3200 system, w/single-width back panel AD2024**BVOM-1***
• Matrix output module for 1920 input MP3200 system, w/double-width back panel. AD2024**BVOM-3**
• Matrix output module for 3200 input MP3200 system, w/double-width back panel. AD2024**BVOM-4**
• Matrix back panel for AD2024BVOM-1, for MP3200 systems (no output card). AD2024**BP-1***
• Matrix back panel for AD2024BVOM-3, for MP3200 systems (no output card). AD2024**BP-3**
• Matrix back panel for AD2024BVOM-4, for MP3200 systems (no output card). AD2024**BP-4**
• Matrix output card for AD2024BVOM, for MP3200 systems (no back panel) AD2024**BPC**

Data Buffers

• Matrix data receiver/buffer module for MP3200 systems AD2010**DB**
• Matrix video loss detector module for 256 inputs for MP3200 (upgrade kit) AD2010**DBVLKIT**

Power Supply

• Matrix power supply module for MP3200 systems, 120 VAC. AD2010**PS**
• Matrix power supply module for MP3200 systems, 100-240 VAC. AD2010**PS-1**

Looping Panel Accessories

• Matrix cable, 30 in (76 cm), for looping between AD168 & MP3200 system levels. AD2016**CB**
• Matrix cable, 96 in (244 cm), for looping between AD168 & MP3200 system levels. AD2016**CB8**
• Matrix universal looping panel . . . . ADULP
• Matrix universal looping panel, two 30'' (76 cm) coaxial ribbon cables ADULP-**30**
• Matrix universal looping panel, two 96'' (244 cm) coaxial ribbon cables ADULP-**96**
• Matrix terminator cap for AD2016AVIM-3, AD2016AVIM-4, & AD168VIM-4 (16 inputs) AD2016**TERM**

Upgrade Kits

• Matrix input card for upgrade to AD2016PC/VIM-x for more than 1024 inputs AD2016F**WKIT**
• Matrix DB card for upgrade to AD2010DB for more than 1024 inputs AD2010**DBFWKIT**
• Matrix DBVL card for upgrade to AD2010DBVL for more than 1024 inputs AD2010**VLFWKIT**
• Expansion labels for VOM-1 systems greater than 128 outputs ADVOM-**1LABEL**
• Expansion labels for VOM-3 systems greater than 1024 input x 128 outputs. ADVOM-**3LABEL**
• Expansion labels for VOM-4 systems greater than 1024 input x 128 outputs. ADVOM-**4LABEL**

* In this case, 1 does not signify PAL.

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AMERICAN DYNAMICS™

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Start as small as 16 inputs by 4 outputs and expand your system to accommodate thousands of cameras and domes. American Dynamics matrix switchers give you convenient, reliable and affordable solutions for every phase of your organization's lifespan.

www.americandynamics.net

MegaPower 1100

1 CHOOSE FEATURES THAT MAKE A DIFFERENCE

- Lean and sophisticated design with adjustable tilt feet

- Smart card access provides three levels of user access: operator, supervisor and administrator

- 64 customizable macro keys with 8 keys per named macro family group

- 1000 user-defined macros stored on smart cards

- Large back-lit LCD display with brightness control

- Camera view, camera control and monitor partitioning via the smart card

- User ID options via the smart card

- Integrated smart card programmer/reader

- Soft-key driven menu options

- Variable-speed, vector-solving, twist-to-zoom joystick for pan/tilt/zoom control

- Camera, monitor, recorder and satellite site selection

- Preset, pattern and auxiliary control

- Lens control keys

- Alarm management

- Recorder control for VCRs and DVRs via recorder control devices (AD100 series, see p.85)

- Remappable iris and focus keys allow one-handed camera control

- Tour and salvo control

- Rack mount kit included

- Dimensions: 451 × 203 × 73 mm (17.8 × 8 × 2.9 in)

- Weight: 2.4 kg (5.3 lbs)

2 SELECT A MODEL

ADCC1100

Accessories:

MP1000**SC3** *(Smart card 3-pack)*

MP1000**SCA** *(Spare administrator card)*

MP-PSU *(Power supply unit)*

MP-CBL *(Cable)*

MP-KMI *(External interconnect module)*

ControlCenter 200 & 300

K E Y B O A R D S

ADCC0**200** series

ADCC0**300** series

DOUBLE DUTY

You can use ControlCenter 200 & 300 Keyboards with our MegaPower Matrix Switcher/Controller systems. Get all of the basic functions at an affordable price plus the versatility to control all system activities from one keyboard.

---

1   C H O O S E   F E A T U R E S   T H A T   M A K E   A   D I F F E R E N C E

- Choice of models with variable-speed and vector solving joysticks

- Selectable keyboard protocols, RS-232 or ADnet (RS-485) for control of various matrix switching systems

- LCD display with adjustable contrast

- Tactile, color-coded elastomeric keys

- Preset, pattern and auxiliary control

- Lens, alarm, tour and salvo control

- New DirectSet dome function control

- Passcode protection for programming functions

- Direct control of RS-232 devices via remappable keys (ADnet – RS-485 Mode)

- Recorder control (VCRs and DVRs in RS-232 Mode)

- MegaPower 3200, 48, 168 and 1024 control (RS-232 Mode)

- ControlCenter 200 allows no programming access – "operate only" (RS-232 Mode)

- Dimensions: 80 x 340 x 132 mm (3.1 x 13 x 5.2 in)

- Weight: 1.5 kg (3.3 lbs)

2   S E L E C T   A   M O D E L

ADCC0**200** *(No power supply)*

ADCC0**200P** *(Includes power supply)*

ADCC0**300** *(No power supply)*

ADCC0**300P** *(Includes power supply)*

Remote Kits:

ADCCACP**SP**

ADTTE Touch Tracker, AD2088 & AD2089

KEYBOARDS

ADTTE

AD2089

1 CHOOSE FEATURES THAT MAKE A DIFFERENCE

ADTTE Touch Tracker Keyboard

- Variable-speed controlstick for pan/tilt

- Camera, monitor and satellite site selection

- Preset, pattern and auxiliary control

- Tour and salvo control

- Alarm control

- Dimensions: 130 x 194 x 260 mm (5.12 x 7.63 x 10.24 in)

- Weight: 1 kg (2.2 lbs)

AD2088 & AD2089 System Keyboards

- Variable-speed, vector-solving, twist-to-zoom joystick for pan/tilt/zoom control

- Camera, monitor, recorder and satellite site selection

- 1000 user-defined macros

- Preset, pattern and auxiliary control

- Tour and salvo control

- AD2089 supports DVRs; AD2088 supports VCRs

- Dimensions: 76.2 x 419 x 133 mm (3 x 16.5 x 5.25 in)

- Weight: 2.5 kg (5.5 lbs)

2 SELECT A MODEL

ADTTE	AD2089
	AD2089-1
	AD2089R
	AD2089R-1
	AD2088
	AD2088-1
	AD2088R
	AD2088R-1

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Recorder Control Devices

- Matrix recorder control CPU, for use with recorder control interfaces, 120 VAC AD100**XA**

- Matrix recorder interface, for 8 RS-232 controlled recorders, 120 VAC AD100**RS8**

- Matrix recorder interface, for 8 resistive ladder controlled recorders, 120 VAC AD100**RL8**

- Matrix recorder interface, for 8 resistive ladder controlled recorders, 230 VAC AD100**RL8-1**

- Matrix recorder interface IR emitter cable, 1 per recorder required AD100**IRE**

- Matrix recorder interface resistive ladder cable, 1 per recorder required AD100**RLW**

- Matrix recorder interface RS-232 cable, 1 per recorder required AD100**RSC**

Receiver Drivers & Accessories

Single-Channel Indoor

- Receiver/Driver, fix speed, 1 channel, 120 VAC input, indoor, Manchester AD1641**M-2**

- Receiver/Driver, fix speed, 1 channel, 230 VAC input, indoor, Manchester AD1641**M-2X**

- Receiver/Driver, fix speed, 1 channel, 24 VAC input, indoor, Manchester AD1641**M-2F-1**

Dual Channel Indoor/Outdoor

- Receiver/Driver, fix speed, 2 channel, 120 VAC to 24/120 VAC input, in/outdoor, Manchester AD1686**B**

- Receiver/Driver, fix speed, 2 channel, 230 VAC to 24/230 VAC input, in/outdoor, Manchester AD1686**B-X**

Protocol Devices

- Matrix code distributor, 1 Manchester input to 64 Manchester outputs, 120 VAC AD1691

- Matrix code distributor, 1 Manchester input to 64 Manchester outputs, 230 VAC AD1691**F-1**

- Matrix code generator, 1 HighSpeed Data input to 64 Manchester outputs, 120 VAC AD2091

- Matrix code generator, 1 HighSpeed Data input to 64 Manchester outputs, 230 VAC AD2091**-1**

- Matrix port expander, expands 1 RS-232 port to 4 RS-232 ports, 120 VAC AD2081

- Matrix port expander, expands 1 RS-232 port to 4 RS-232 ports, 230 VAC AD2081**-1**

- Matrix code converter, RS-232 to Manchester or Manchester to RS-232, 120 VAC AD1983

- Matrix code converter, RS-232 to Manchester for AD2091 code generator AD1983**-CS536**

- Matrix code converter, SensorNet to RS-422, 120 VAC RCSN422

- Matrix code distributor, 1 HighSpeed Data or Manchester to 16 RS-422, 120 VAC AD2083**-02C**

- Matrix code distributor, 1 HighSpeed Data or Manchester to 16 RS-422, 230 VAC AD2083**-02C-1**

- Matrix code distributor, RS-422, AD2083-02C AD2083**-02CKIT**

Alarm Devices

- Matrix alarm interface unit, provides 64 alarm inputs, 120 VAC AD2096**A**

- Matrix alarm interface unit, provides 64 alarm inputs, 230 VAC AD2096**-1**

- Matrix alarm responder, provides 32 relays to follow alarm monitor, 120 VAC AD2032

- Matrix alarm responder, provides 32 relays to follow alarm monitor, 230 VAC AD2032**-1**

Accessories

Auxiliary Follower Devices

• Matrix switcher/follower, provides 32 relays to follow video switching, 120 VAC AD2031

• Matrix switcher/follower, provides 32 relays to follow video switching, 230 VAC AD2031**-1**

• Matrix auxiliary follower, provides 32 relays to follow aux outputs, 120 VAC AD2033

• Matrix auxiliary follower, provides 32 relays to follow aux outputs, 230 VAC AD2033**-1**

Character Generator

• Matrix 4 channel character generator, can be used as stand alone unit AD1024CG

Other Accessories

• Matrix cable management kit, rack or wall mountable, includes 3 brackets . . . . VRCMKIT

There are few places where security is more crucial than in prison. Matrix switchers from American Dynamics give corrections officials time-tested technology they can rely on to keep everything under lock and key.

AD AMERICAN DYNAMICS™

Matrix Components

SPARE MODULES, PC BOARDS & BAYS

AD168 & AD1024 CPU Modules

- Matrix back panel for AD168CPM central processing module, for AD168 systems AD168**CPM-BP**
- Matrix central processing card for AD168 systems (no back panel). AD168**CPM-PC**
- Matrix CPU for AD1024 systems, 120 VAC AD1024**CPU**
- Matrix CPU for AD1024 systems, 230 VAC AD1024**CPU-1**

CPU Hot Switches

- Matrix standby CPU hot switch for MegaPower 1024, 120 VAC. AD1024**HS**
- Matrix standby CPU hot switch for MegaPower 1024, 230 VAC. AD1024**HSX**

Firmware/Software

- Matrix system set-up software for AD1024 systems AD1024**S3**
- Matrix upgrade kit, upgrades older AD2050 & AD1024 CPUs, includes AD1024S3 . . . . AD1024**CPUKIT**

Expansion Bay

- Matrix expansion bay for AD168 systems, includes AD168PSM, 120 VAC. AD168**EB-2**

AD168 & AD 1650 Video Input

- Matrix input card for AD168 systems, level 1 of 1, single-level, w/back panel. AD168**VIM-1***
- Matrix input card for AD168 systems, level 1 of 2, multi-level, w/back panel AD168**VIM-2**
- Matrix input card for AD168 systems, level 2 of 2, multi-level, w/back panel AD168**VIM-3**
- Matrix input card for AD168 systems, w/looping back panel AD168**VIM-4**
- Matrix back panel for AD168VIM-1, for AD168 systems (no input card) AD168**VIM-BP1***
- Matrix back panel for AD168VIM-2, for AD168 systems (no input card) AD168**VIM-BP2**
- Matrix back panel for AD168VIM-3, for AD168 systems (no input card) AD168**VIM-BP3**
- Matrix back panel for AD168VIM-4, for AD168 systems (no input card) AD168**VIM-BP4**
- Matrix input card for AD168VIM, for AD168 systems (no back panel) AD168**VIM-PC**
- Matrix input card w/looping back panel for AD1650B systems. AD**1609CM**
- Matrix terminator kit, 75-Ohm, BNC, package of eight AD**1609TK75**

Video Output

- Matrix output module for AD168 systems, w/back panel AD168**VOM-1***
- Matrix output module for AD168 systems, w/back panel AD168**VOM-2**
- Matrix output card for AD168 systems (no back panel) AD168**VOM-PC**
- Matrix output card for AD168 systems (no back panel) AD168**VOM-PC2**

Control Code Modules

- Matrix control code module for AD168 systems, w/back panel AD168**CCM-1***
- Matrix back panel for AD168CCM control code module, for AD168 systems AD168**CCM-BP**
- Matrix control code card for AD168 systems (no back panel). AD168**CCM-PC**

Power Supplies

- Matrix back panel for AD168PSM-PC, for AD168 systems, 120 VAC. AD168**PSM-BP**
- Matrix power supply card for AD168 systems, 120 VAC (no back panel) AD168**PSM-PC**

Upgrades

- Matrix upgrade kit, upgrades AD168 v2.0 & up to v3.3, includes cable assembly AD168**UPGR-33**
- Matrix upgrade cable assembly for AD168 systems. AD168**UPGR-CBL**
- Matrix upgrade, AD168, upgrades v1.0 to v3.3, requires AD168UPGR-33 . . . . AD168**UPGR-CPU**

* In this case, 1 does not signify PAL.

MegaPower LT
SYSTEM DIAGRAM

Video Outputs

Fixed Cameras,
SpeedDomes or
Mini-Domes

Intellex

MegaPower LT

Alarm Inputs

RS-232 Inputs

AD100 Series
Recorder Control
Devices

ADTTE Touch Tracker,
MegaPower 1100,
ControlCenter 200, & 300,
AD2088 & AD2089 Keyboards
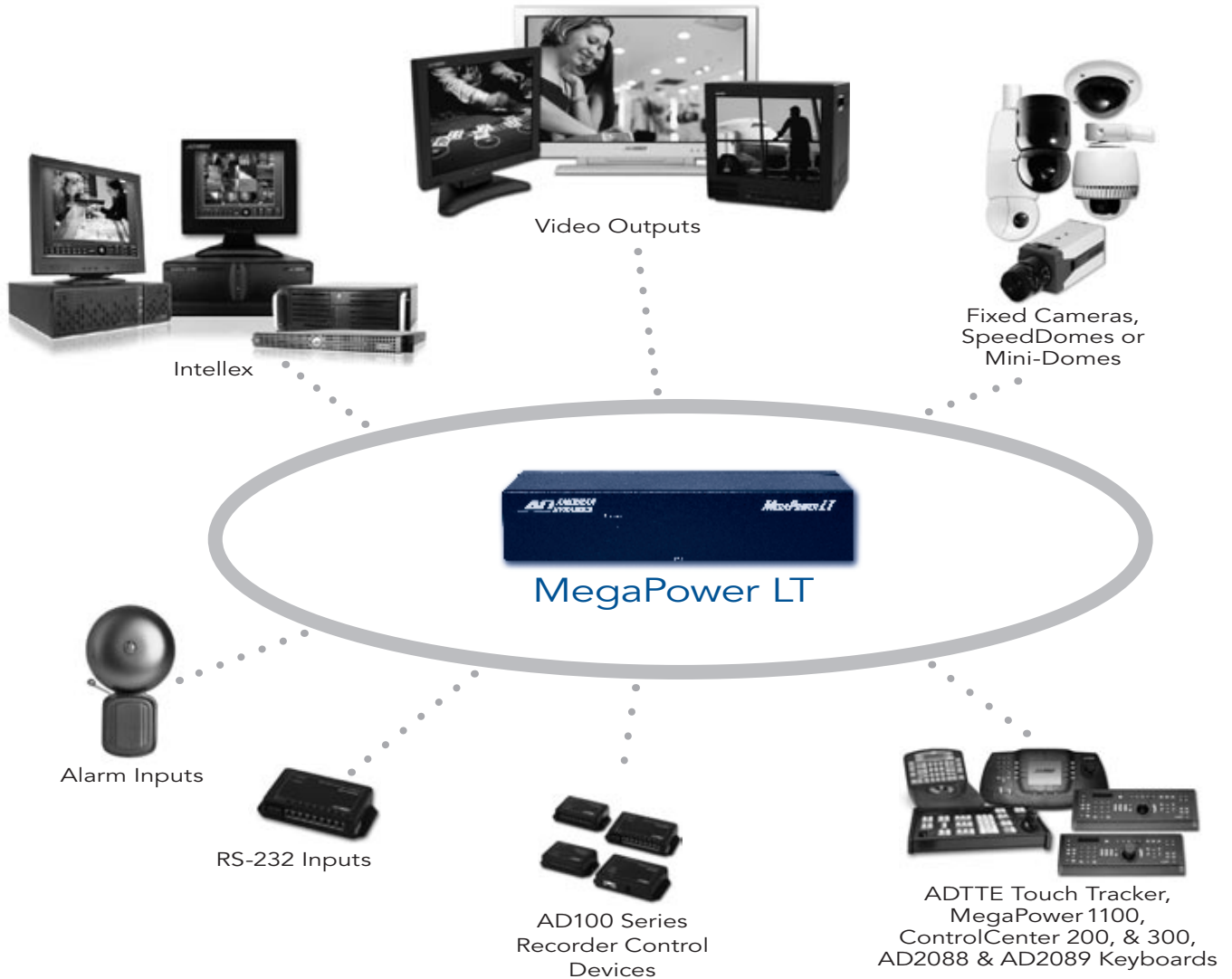
Integrate up to three MegaPower LT units and control everything from any keyboard on the network. By forming a distributed system, you can view and control cameras installed at different points throughout your property as well as receive and acknowledge any alarm events that they generate.

AD AMERICAN DYNAMICS™

MegaPower 48 Plus

3rd Floor

Video Outputs

2nd Floor

Intellex

Fixed Cameras,
SpeedDomes or
Mini-Domes

1st Floor

AD100 Series
Recorder Control
Devices

MegaPower 48 Plus

System Setup
and Programming

Alarm Inputs

RS-232 Inputs

ADTTE Touch Tracker,
MegaPower 1100,
ControlCenter 200, & 300,
AD2088 & AD2089 Keyboards
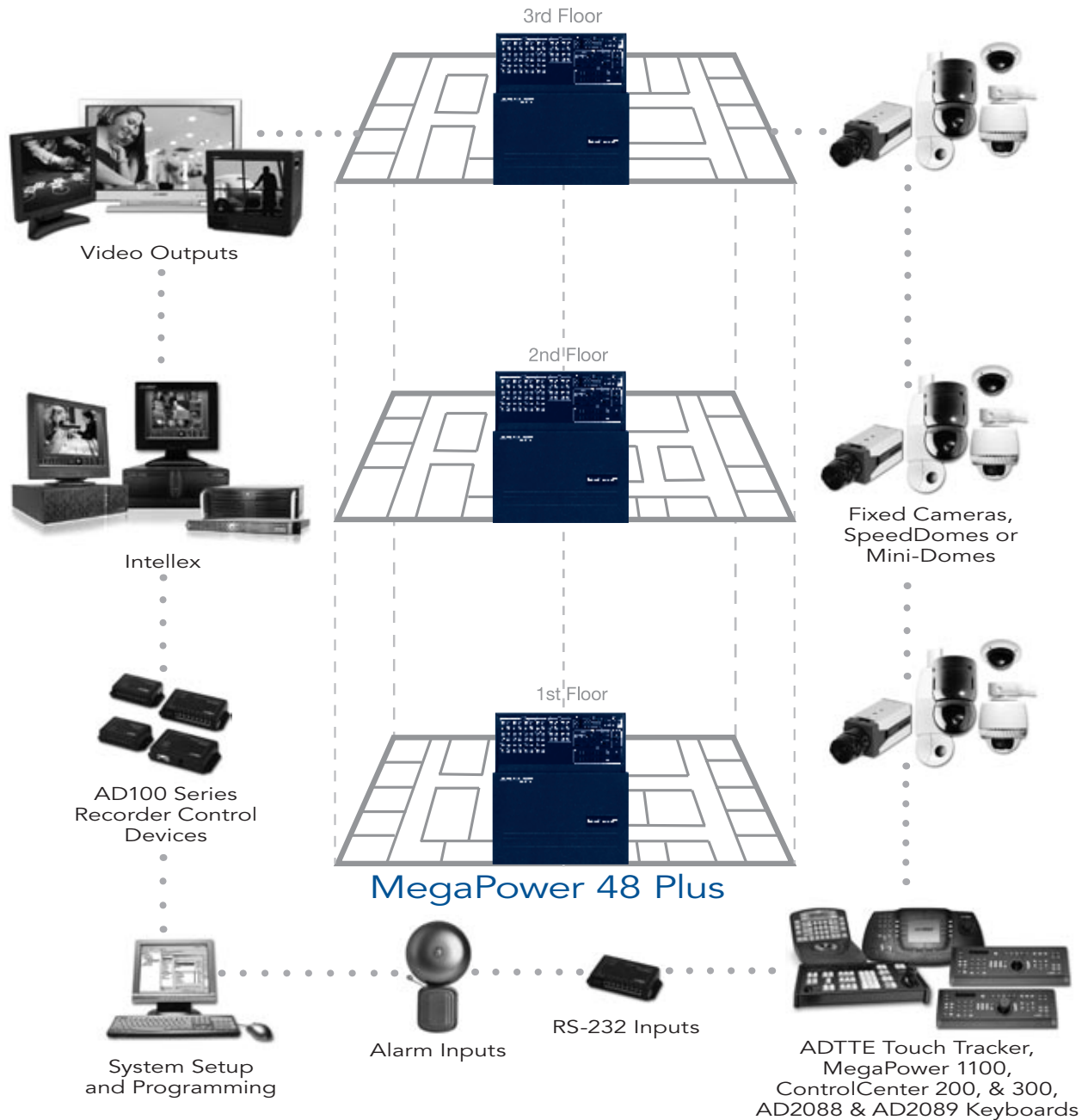
Choose from one of three expansion modes that increase your system's capacity by up to 288 cameras and 8 monitors using 8, 12 or 16 video trunks. The MegaPower 48 Plus can function either as a standalone unit or as part of a network, making it the perfect choice for anyone who needs flexibility for future growth.

MegaPower 3200
SYSTEM DIAGRAM

Video Outputs

Fixed Cameras, SpeedDomes or Mini-Domes

Intellex

MegaPower 3200

System Setup and Programming

AD100 Series Recorder Control Devices

Alarm Inputs

ADTTE Touch Tracker, MegaPower 1100, ControlCenter 200, & 300, AD2088 & AD2089 Keyboards
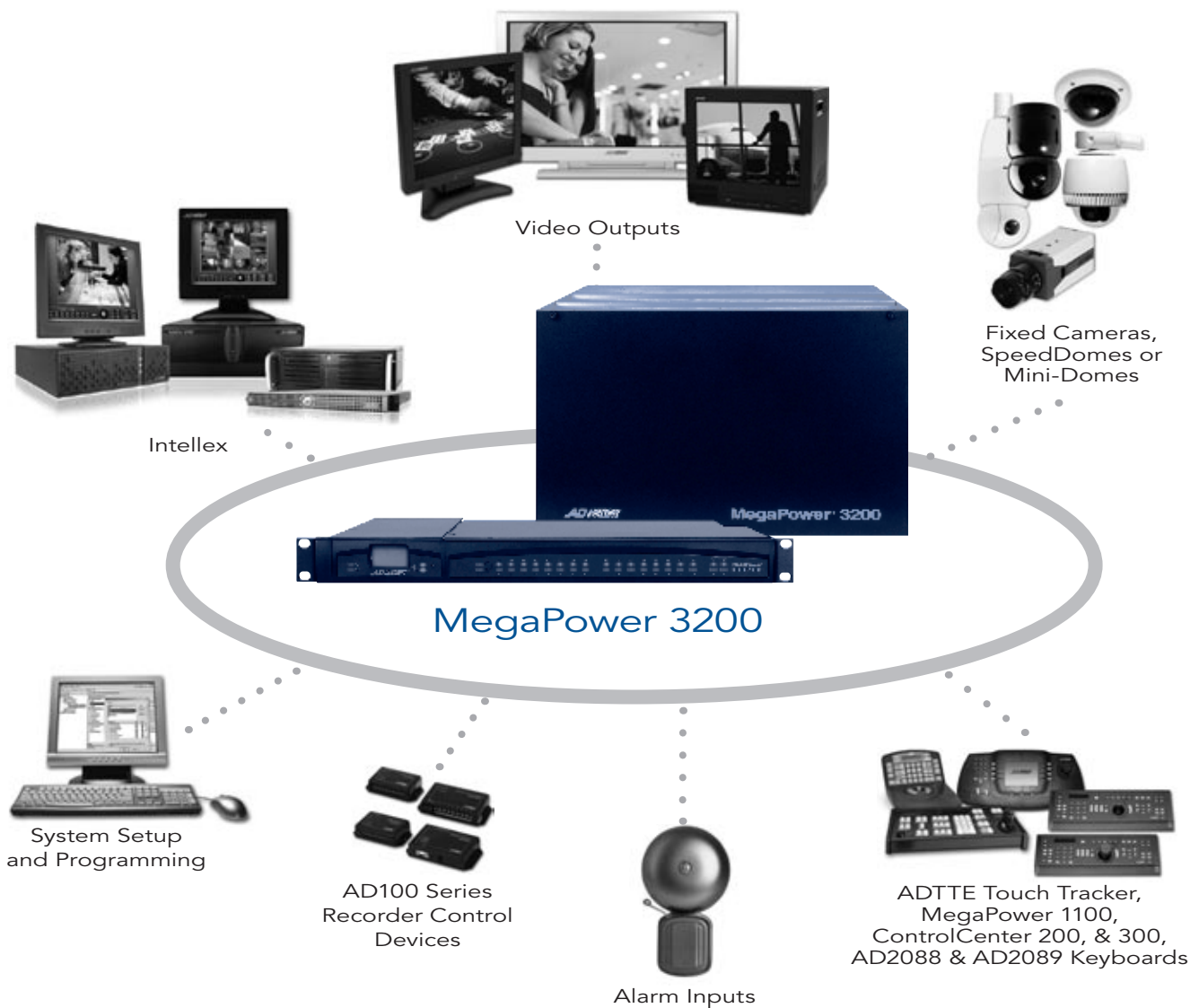
The MegaPower 3200 matrix switcher supports up to 3200 video inputs, 256 video outputs, 128 keyboards, 4096 alarms, and 30 satellite systems. The MP3200 provides Intellex DVR control using the AD2089 keyboard and Network Client software, and hot switch capabilities using a second MPCPU unit.... with no hot switch accessory unit required. The EASY CPU configuration and monitoring software allows remote configuration and monitoring.

AMERICAN DYNAMICS

Quads, Multiplexers, VCRs & Video Accessories

Quads, multiplexers and VCRs from American Dynamics help a company's bottom line, protecting valuable assets with affordable video security that makes sense even for the most stringent budget.

www.americandynamics.net

Standard & Premium Quads

- Quad, 4 chnl, B/W, 512 × 512, 120 VAC, EIA ADQUAD27
- Quad, 4 chnl, B/W, 512 × 512, 230 VAC, CCIR ADQUAD27**-1**
- Quad, 4 chnl, B/W, 1024 × 512, enhanced playback with 2X zoom, 120 VAC, EIA. ADQUAD47
- Quad, 4 chnl, B/W, 1024 × 512, enhanced playback with 2X zoom, 230 VAC, CCIR ADQUAD47**-1**
- Quad, 4 chnl, color, 512 × 512, 120 VAC, NTSC ADQUAD77
- Quad, 4 chnl, color, 512 × 512, 230 VAC, PAL. ADQUAD77**-1**
- Quad, 4 chnl, color, 1024 × 512, enhanced playback with 2X zoom, 120 VAC, NTSC. ADQUAD87
- Quad, 4 chnl, color, 1024 × 512, enhanced playback with 2X zoom, 230 VAC, PAL. ADQUAD87**-1**
- Quad rack mount kit, single quad RM06
- Quad rack mount kit, double quads RM07

Video Line Amplifier

- Video accessory, video line amplifier, 120 VAC AD1422

Equalizing Video Amplifier

- Video accessory, equalizing video amplifier, 120 VAC. RP104L

Video Distribution Amplifiers

- Video accessory, distribution amplifier, 1 input/4 output, 120 VAC AD1421
- Video accessory, video distribution amplifier, 1 input/4 output, 120 VAC. RP50VN

MultiVision Quest Duplex Multiplexers

- Multiplexer, MultiVision Quest, duplex, 4 chnl, B/W, 720 × 480, 120 VAC, EIA. DMV14Q
- Multiplexer, MultiVision Quest, duplex, 4 chnl, B/W, 720 × 512, 230 VAC, CCIR DMV14Q**-1**
- Multiplexer, MultiVision Quest, duplex, 9 chnl, B/W, 720 × 480, 120 VAC, EIA. DMV19Q
- Multiplexer, MultiVision Quest, duplex, 9 chnl, B/W, 720 × 512, 230 VAC, CCIR DMV19Q**-1**
- Multiplexer, MultiVision Quest, duplex, 16 chnl, B/W, 720 × 480, 120 VAC, EIA. DMV16Q
- Multiplexer, MultiVision Quest, duplex, 16 chnl, B/W, 720 × 512, 230 VAC, CCIR DMV16Q**-1**
- Multiplexer, MultiVision Quest, duplex, 4 chnl, color, 720 × 480, 120 VAC, NTSC DMV94Q
- Multiplexer, MultiVision Quest, duplex, 4 chnl, color, 720 × 512, 230 VAC, PAL. DMV94Q**-1**
- Multiplexer, MultiVision Quest, duplex, 9 chnl, color, 720 × 480, 120 VAC, NTSC DMV99Q
- Multiplexer, MultiVision Quest, duplex, 9 chnl, color, 720 × 512, 230 VAC, PAL. DMV99Q**-1**
- Multiplexer, MultiVision Quest, duplex, 16 chnl, color, 720 × 480, 120 VAC, NTSC DMV96Q
- Multiplexer, MultiVision Quest, duplex, 16 chnl, color, 720 × 512, 230 VAC, PAL. DMV96Q**-1**

VCRs & Accessories

- VCR, 96-hour, high-density, time-lapse, 24 hr. virtual real time, 24 VAC, NTSC ADV096HD
- VCR, 24-hour, standard-density, time-lapse, 120 VAC, NTSC RV2400
- VCR security lock box for use with all VCRs RVLOCK3
- VCR steel rack mount kit. ADR8010RK

Video Accessories

- Cable accessory, twisted pair to BNC adapter. ADACTP01BNC
- Power supplies, 1 output, 120 VAC to 24 VAC (30 VA) ADC124
- Power supplies, 8 outputs, 120 VAC to 24 VAC (84 VA) ADC824UL
- Power supplies, 16 outputs, 120 VAC to 24 VAC (168 VA) ADC1624UL
- Power supplies, for Optima/Ultra domes, outdoor, 1 output, 120/240 VAC to 24 VAC. . . . . ADSPOT

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