



Analog Cameras

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.

PTZ, 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.

Analog PTZ Dome Cameras

SpeedDome Ultra 8 Programmable Dome Cameras are equipped with Wide Dynamic Range, True Day/Night, and Electronic Image Stabilization (EIS). 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 is powered with 22x optical zoom and 11x digital zoom for a total of 242x zoom, producing high quality color images. The series includes an alarm input, 96 user-programmable presets three patterns, and a pre-wired harness for easy installation and servicing. Compatible with any American Dynamics controller system, Optima is available in outdoor models only.

Optima LT includes many of the same features as the standard Optima dome - all for an impressively low price.

Analog Mini-Domes + Box Cameras

The Discover series of Mini-Domes delivers a vandal resistant camera solution at a non-vandal resistant price. This series of high performance mini-domes includes high impact, vandal resistant dome housings built to withstand even the harshest environments.

Unlike other dome housings in the industry, which are made of metal, the Discover series housing is made with extremely durable composite and polycarbonate materials that have "shape memory". An advanced pivoting axis lets you position the camera at exactly the angle you need, while optimal white balance provides the clearest, most color-perfect images possible.

540 TVL and True Day/Night cameras provide super high resolution images in a variety of lighting conditions. 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 include a moving mechanical IR cut filter and advanced features such as on-screen menu programming, advanced pixel correction, a focus adjust mode for focus accuracy, selectable 4-zone Back Light Camera, manual shutter mode, and a monitor mode to optimize the camera output for CRT or LCD monitors.

CCD Standard box cameras are ideal for a multitude of applications. We offer economical, efficient models for entry level and general purpose installations where cost and reliability are paramount.

Analog Pre-Packaged Cameras

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. A variety of other Speciality Pre-Packs are also available.

Analog Cameras

ANALOG DOME COMPARISON TABLE

	SpeedDome Ultra 8 22x	SpeedDome Ultra 8 35x	SpeedDome Optima + Optima LT
Total zoom	242x	420x	242x
Optical zoom	22x	35x	22x
Digital zoom	11x	12x	11x
Day/Night	No	Yes	No
Wide Dynamic Range	No	Yes	No
Electronic Image Stabilization	No	Yes	No
Programmable presets (controller dependent)	Up to 96	Up to 96	Up to 96
Programmable patterns	16	16	3
Programmable sequences	16	16	No
Preset, area, pattern naming	Up to 19 characters (user-defined)	Up to 19 characters (user-defined)	No
Motion detection	No	Yes	No
Privacy zones	Up to 8	Up to 8	No
Alarm inputs & output	Up to 4 inputs & outputs, base dependent	Up to 4 inputs & outputs, base dependent	One for Optima & N/A for Optima LT
Auto focus/iris	Yes	Yes	Yes
Password protection	Yes	Yes	No
CCD imager (CCD center)	1/4 in, 470 TVL	1/4 in, 540 TVL	1/4 in, 470 TVL
Minimum illumination	0.3 lux (AGC on) / 0.02 lux with 1/4 sec. open shutter	Day Mode - 0.24 lux (AGC on) / 0.028 lux with 1/4 sec. open shutter B/W IR mode - 0.021 lux (AGC on) / 0.00041 lux with 1/2 sec. open shutter	1.5 Lux (AGC on)
Lens focal length	4 to 88 mm	3.4 to 119 mm	4 to 88 mm
Lens maximum aperture	f1.6	f1.4	f1.6
Communication Protocols	RS-422/RS-485, Manchester, SensorNet, & AD-UTC	RS-422/RS-485, Manchester, SensorNet, & AD-UTC	RS-422/RS-485 (2-Wire: for Optima LT only), Manchester & SensorNet

Analog PTZ Dome Cameras



Two Ordering Options Available

1. Order each component individually
2. Order a pre-configured dome kit which includes: Camera Module, Mounting Base, Mount, and Indoor or Outdoor Housing, plus Bubble.

SpeedDome Ultra 8 Dome Cameras:

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 other 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)

* Compatibility with other manufacturers is based upon known current protocols and controllers at time of test. However, compatibility may be affected if other manufacturers make changes to their products.

Analog PTZ Dome Cameras

SpeedDome Ultra 8 (order each component):

22x Zoom, Housing /Eyeball Assembly without I/O Mounting Base	ADSDU835ION
ADSDU822N	ADSDU835WION
ADSDU822WN	ADSDU835IOP
ADSDU822P	ADSDU835WIOP
ADSDU822WP	I/O Mounting Base without Housing /Eyeball Assembly
22x Zoom, Housing/Eyeball Assembly with I/O Mounting Base	ADSDUIOB
ADSDU822ION	ADSDUIOBW
ADSDU822WION	Accessories
ADSDU822IOP	> Housings
ADSDU822WIOP	> Mounts
35x Zoom, Housing /Eyeball Assembly without I/O Mounting Base	> Controllers
ADSDU835N	> J-Boxes
ADSDU835WN	> Installation/Removal tool
ADSDU835P	> Power supplies
ADSDU835WP	
35x Zoom, Housing/Eyeball Assembly with I/O Mounting Base	

Model Number Guide

BRAND	CAMERA	CAMERA BODY COLOR	MOUNTING BASE	FORMAT
ADSDU8 = American Dynamics SpeedDome Ultra 8	22 = 22x Zoom 35 = 35x Zoom, Wide Dynamic Range, True Day/Night, Electronic Image Stabilization (EIS)	{blank} = Black W = White	{blank} = None, Order Separately IO = I/O Mounting Base Included	N = NTSC P = PAL



With the SpeedDome Ultra 8, the True Day/Night feature provides enhanced infrared capability for night time viewing. Excellent color video is seen by day, then automatically switches to monochrome in the dark. This powerful feature enables you to capture scenes in extreme darkness, undetectable to the human eye.

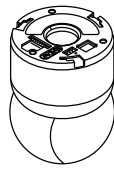
Analog PTZ Dome Cameras

SPEEDDOME ULTRA 8 PRECONFIGURED KITS

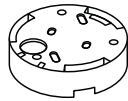
A PRE-CONFIGURED SPEEDDOME ULTRA 8 KIT INCLUDES:

- A** Camera Module
- B** I/O Board Mounting Base
- C** Housing (Environment)
- D** Mount
- E** Bubble

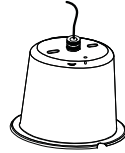
A Camera Module - 22x or 35x (Color with Day/Night mode)



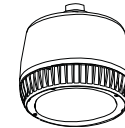
B I/O Board Mounting Base (if applicable)



C Housing (Environment)

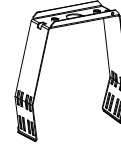


1) Top Hat (Indoor)



2) Environmental (Indoor & Outdoor)

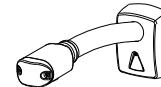
D Mount



1) Hard Ceiling (Indoor)

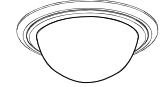


2) 2' x 2' Drop Ceiling (Indoor)

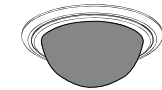


3) Long Wall (Outdoor)

E Bubble



Clear



Smoked

Pre-Configured SpeedDome Ultra 8 Kits:

22x Zoom, Indoor Dome Kits

ADSDU822IHN

ADSDU822IHP

ADSDU822IHSN

ADSDU822IHSP

ADSDU822I2X2N

ADSDU822I2X2P

ADSDU822I2X2SN

ADSDU822I2X2SP

22x Zoom, Outdoor Dome Kits

ADSDU822OPCN

ADSDU822OPCP

ADSDU822OPCWN

ADSDU822OPCWP

32x Zoom, Indoor Dome Kits, (with 540 TVL WDR, Day/Night + EIS)

ADSDU835IHN

ADSDU835IHP

ADSDU835IHSN

ADSDU835IHSP

ADSDU835I2X2N

ADSDU835I2X2P

ADSDU835I2X2SN

ADSDU835I2X2SP

35x Zoom, Outdoor Dome Kits, (with 540 TVL WDR, Day/Night + EIS)

ADSDU835OPCN

ADSDU835OPCP

ADSDU835OPCWN

ADSDU835OPCWP

Accessories

> Controllers

> J-Boxes

> Installation/Removal tool

> Power supplies

Model Number Guide

BRAND	CAMERA	ENVIRONMENT	MOUNT	BUBBLE	FORMAT
ADSDU8 = American Dynamics SpeedDome Ultra 8	22 = 22x Zoom 35 = 35x Zoom, Wide dynamic range, True Day/Night, Electronic Image Stabilization (EIS)	I = Indoor OPC = Outdoor	H = Hard Ceiling W = Long Wall 2x2 = 2 x 2 ft, Drop Ceiling {blank} = None, Order Separately	{blank} = Clear S = Smoked	N = NTSC P = PAL

Dome Assembly

We offer an I/O Board Mounting Base which makes installation as easy as screwing in a light bulb in just three simple steps:

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



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



3. Connect the housing and eyeball assembly to the base by aligning the cap and base tabs, then turn, push, and click the housing clockwise.



4. Dome is mounted and ready-to-go. Wait a few seconds for dome to begin its homing routine.



Analog PTZ Dome Cameras



SpeedDome Optima + Optima LT Dome Cameras:

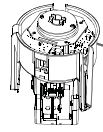
- Color camera with up to 242x zoom (22x optical, 11x digital)
- 470+ TVL horizontal resolution
- Zoom adjusted programming
- Auto focus and auto iris
- Auto white balance
- Automatic gain control
- Line-lock
- Supports Manchester, SensorNet, and Simplex RS-422 protocols
- Up to 96 user-definable presets
- 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)

Analog PTZ Dome Cameras

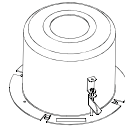
A PRE-CONFIGURED SPEEDDOME OPTIMA + OPTIMA LT DOME KIT INCLUDES:

- A** Color Camera Module
- B** Housing
- C** Bubble (smoked or clear)

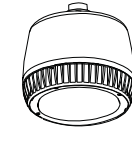
A Color Camera Module



B Housings

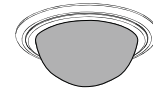


In-ceiling (Indoor)



Pendant (Indoor/Outdoor)

C Bubbles



Smoked



Clear

Pre-Configured Optima Dome Kits (Outdoor):

RASONPC

Outdoor Pendant Mount, Clear Bubble (NTSC)

RASONPC-1

Outdoor Pendant Mount, Clear Bubble (PAL)

RASONPS

Outdoor Pendant Mount, Smoked Bubble (NTSC)

RASONPS-1

Outdoor Pendant Mount, Smoked Bubble (PAL)

Pre-Configured Optima LT Dome Kits (Indoor):

RASELHC

Indoor Ceiling Mount, Clear Bubble (NTSC)

RASELHC-1

Indoor Ceiling Mount, Clear Bubble (PAL)

RASELHS

Indoor Ceiling Mount, Smoked Bubble (NTSC)

RASELHS-1

Indoor Ceiling Mount, Smoked Bubble (PAL)

RASELPC

Indoor Pendant Mount, Clear Bubble (NTSC)

RASELPC-1

Indoor Pendant Mount, Clear Bubble (PAL)

RASELPS

Indoor Pendant Mount, Smoked Bubble (NTSC)

RASELPS-1

Indoor Pendant Mount, Smoked Bubble (PAL)

Accessories

> Controllers

> J-Boxes

> Installation/Removal tool

> Power supplies

Analog PTZ Dome Cameras

NUMBER OF PRESETS PER DOME



SpeedDome Ultra 8 22x + 35x

SpeedDome Optima + Optima LT

Controller, DVR or Matrix Switcher	Protocol	Number of Presets	
ADTT16E	SensorNet	96	96
	RS-422*	94	96
MegaPower LT	AD-UTC	96	96
	SensorNet	96	96
MegaPower 48 Plus	SensorNet	96	96
	Manchester	64	64
	RS-422	96	96
MegaPower 3200	Manchester**	64	64
	SensorNet	64	64
	RS-422†	60	60
Intellex	SensorNet‡	96	96
	RS-422§	96	96
TVR	RS-422	96	96
Third party interfaces	RS-485	N/A	N/A
	RS-422	N/A	N/A

SUPPORTED PROTOCOLS

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

* Using SensorNet-to-RS-422 converter (model number RCSN422).

‡ Using USB CCTV Control Module (Model number ADACSNET).

** Using SensorNet/Manchester code dist Model # ADACSNETD

§ Requires USB to RS-422 adaptor.

† Using RS422/485 code dist model # ADAC422D

Analog Mini-Domes

DISCOVER MINI-DOME FIXED CAMERA COMPARISON TABLE

	ADCD(B)W Indoor/Outdoor	ADCD(B)EH Indoor/Outdoor	ADCD(B)T Indoor/Outdoor	ADCIEH Indoor	ADCD600 Indoor/Outdoor	ADCD200 Indoor
Camera	Wide Dynamic Range	Super High Resolution	True Day/Night	Super High Resolution	True Day/Night	High resolution
Housing	Vandal resistant	Vandal resistant	Vandal resistant	Non-vandal resistant	Vandal-resistant	Non vandal-resistant
Imager	Pixim orca sensor	1/3 in CCD	1/3 in CCD	1/3 in CCD	1/3 inch CCD	1/3 inch CCD
Video Output	1.0 Vp-p/75-ohm, BNC	1.0 Vp-p/75-ohm, BNC	1.0 Vp-p/75-ohm, BNC	1.0 Vp-p/75-ohm, BNC	1.0 Vp-p/75 ohm, BNC	1.0 Vp-p/75 ohm, BNC
Horizontal Resolution	504+ TVL	540 TVL	540 TVL	540 TVL	540 TVL (NTSC) 520 TVL (PAL)	480 TVL
Active Pixel Count (H x V)	Universal: 720 x 540	NTSC: 768 x 494 (PAL: 752 x 582)	NTSC: 768 x 494 (PAL: 752 x 582)	NTSC: 768 x 494 (PAL: 752 x 582)	768 x 494 NTSC 752 x 582 PAL	768 x 494 NTSC 752 x 582 PAL
Minimum Illumination	0.95 lux @ F1.2	Typ*: 0.65 lux @ F1.2 Min**: 0.19 lux @ F1.2	Day: 0.65 lux @ F1.2 Night: 0.07 lux @ F1.2	Typ1: 0.65 lux @ F1.2 Min2: 0.19 lux @ F1.2	0.0 lux (f/1.4 lens, AGC on, IR on)	1.2 lux
Digital Slow Shutter (DSS)	2x (default) – 32x	N/A	N/A	N/A	N/A	N/A
Sync System	Line-lock, phase-adjustable or internal	Line-lock, adjustable or internal	Line-lock, adjustable or internal	Line-lock, adjustable or internal	Internal	Internal
S/N Ratio	>42 dB	50 dB	50 dB	50 dB	48 dB	48 dB
White Balance	Automatic white balance (AWB), One-touch & manual	AWB	AWB	AWB	AWB	AWB
AWB Ranges-Normal (Extended)	2200 – 7500 K (2000 – 11000 K)	2700 – 11000 K (2000 – 18000 K)	2700 – 11000 K (2000 – 18000 K)	2700 – 11000 K (2000 – 18000 K)	2500 - 9500 K	2500 - 9700 K
WDR Metering Zone	1-zone adjustable	N/A	N/A	N/A	N/A	N/A
Backlight Compensation	N/A	Center weighted on/off	Center weighted on/off	Center weighted on/off	On/Off	On/Off
Flickerless Mode	Selectable on/off	Selectable on/off	Selectable on/off	Selectable on/off	On/Off	N/A
Night-Saver	Selectable on/off	Selectable on/off	N/A	Selectable on/off	On/Off	On/Off
DVR-Saver Mode	Selectable on/off	N/A	Selectable on/off	N/A	N/A	N/A
Digital Zoom	Scalable, up to 2x	N/A	N/A	N/A	N/A	N/A
Bubble F-stop	F1.0 (tinted); F0 (clear) 2.6-6mm	F1.0 (tinted); F0 (clear) 2.6-6mm	F1.0 (tinted); F0 (clear)	F1.0 (tinted); F0 (clear) 2.6-6mm	F0 (clear)	F0 (clear)
Lens Options	3.0 – 9.0 mm or 9.0 – 22 mm auto iris lens	3.0 – 9.0 mm or 9.0 – 22 mm auto iris lens	2.9 – 10 mm or 9.0 – 22 mm auto iris lens	3.0 – 9.0 mm or 9.0 – 22 mm auto iris lens	3.7 - 12mm	4 – 9 mm, F/1.6 fixed
Housing Color	Black or White	Black or White	Black or White	White	White	White
Environmental Rating	Indoor/Outdoor	Indoor/Outdoor	Indoor/Outdoor	Indoor Only	Indoor/Outdoor	Indoor Only

* Specified at 178mV (for comparison purposes)

** Specified at 78mV (usable signal level)

Analog Mini-Domes



When light levels drop, the camera automatically switches on the built-in IR illuminators and switches from color to black and white to capture images in very low light.

Discover 600 Vandal-Resistant Mini-Domes with IR Illumination:

- Super high resolution 540 TVL NTSC True Day/ Night (520 TVL PAL)
- Removable IR Cut Filter
- 3X vari-focal lens
- Auto Iris, IR corrected, 3.7 - 12 mm varifocal lense
- Built-in IR illumination
- Unshielded Twisted Pair (UTP) option
- IP67-rated housing for outdoor use
- Provides recessed mounting or surface mounting options as standard

MODEL NUMBERS

ADCD600-D0001
Vandal resistant mini dome,
540TVL, 3.7-12mm, IR, 12/24V,
clear, white, NTSC

ADCD600-D0002
Vandal resistant mini dome,
520TVL, 3.7-12mm, IR, 12/24V,
clear, white, PAL

Accessories

ADC1121A
Power supply 12VDC/1 amp
ADC124
Power Supply 24VAC

Analog Mini-Domes



For businesses that are cost-sensitive, the 200 Series offers a powerful price/performance ratio.

Discover 200 Indoor Mini-Domes:

- High resolution 480 TVL camera
- 1/3 inch format CCD
- 4-9 mm auto iris lens
- 3 axis gimbal
- 12VDC or 12VDC/24VAC option (201 series)
- Optional mounting accessories

MODEL NUMBERS

ADCD200-D0001

3" mini-dome, 480TVL, 4-9mm, 12VDC, clear, white, NTSC

ADCD200-D0002

3" mini-dome, 480TVL, 4-9mm, 12VDC, clear, white, PAL

ADCD201-D0001

4" mini-dome, 480TVL, 4-9mm, 12/24V, clear, white, NTSC

ADCD201-D0002

4" mini-dome, 480TVL, 4-9mm, 12/24V, clear, white, PAL

Mounting Accessories	ADCD200-D	ADCD201-D
ADCPWMWALL	Yes	Yes
ADCPWMPEND	No	Yes
ADCPWMRMK	No	Yes
ADCPWMPWM	No	Yes
ADCPWMCRRNR	No	Yes
ADCPWMELEC	Yes	Yes

Analog Mini-Domes

Vandal-Resistant

The vandal resistant Indoor/Outdoor Discover Mini-Domes are ideal for areas where surveillance equipment is subject to abuse. Three camera types are available, Wide Dynamic Range, High Resolution, and True/Day Night.



Discover ADCD(B) Indoor/Outdoor Mini-Domes:

- High-impact, vandal resistant polycarbonate bubble (clear and tinted); plus snap-on bubble liner for an extra level of covertness
- Advanced pivoting axis provides greater viewing flexibility
- Two auto iris lens options for better image quality and improved low-light performance
- Multiple camera options, including WDR model with Pixim® technology
- Night-Saver mode for extreme low-light conditions (high resolution & WDR models only)
- IP66 and NEMA 4X-rated for -30° to 50°C (-22° to 122°F)
- Discover Drone option available
- Easy installation with eight mounting options (surface, flush, pendant, wall, wall-pole, wall-exterior corner, inside corner, electrical box)
- 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)

Mounts

White	Black	
ADCDMWALL	ADCBMWALL	Wall mount w/pendant cap
ADCDMCRNRO	ADCBMCRNRO	Outside corner adapter for use with ADCDMWALL or ADCBMWALL
ADCDMPEND	ADCBMPEND	Pendant cap, three-quarter inch thread
ADCDMCRNR	ADCDBCRNR	Corner mount
ADCDMPOLE	ADCBMPOLE	Pole mount for use with ADCDMWALL or ADCBMWALL
ADCDMELEC	ADCBMELEC	Drone, no camera or lens capability

Accessories

ADCDHTR	Heater, 24V AC only, 7W (Not used in WDR models)
ADCDSL	Video service lead cable

Model Number Guide

BRAND	FINISH	TYPE	LENS	BUBBLE	FORMAT
AD = American Dynamics	CD = Vandal resistant, White CB = Vandal resistant, Black	EH = High Resolution	2606 = 2.6 – 6.0 mm 0309 = 3.0 – 9.0 mm 0922 = 9.0 – 22 mm	C = Clear T = Tinted	N = NTSC P = PAL
		W = Wide Dynamic Range	0309 = 3.0 – 9.0 mm 0922 = 9.0 – 22 mm		U = Universal
	T = True Day/Night	2910 = 2.9 – 10 mm 0922 = 9.0 – 22 mm	N = NTSC P = PAL		

Analog Mini-Domes



Discover ADCI Indoor Mini-Domes:

- Economical, high quality camera for indoor applications where vandalism is not a concern
- 540 TVL super high resolution 1/3 in camera provides superior image quality and color reproduction
- Night-Saver mode for low light conditions
- Two vari-focal auto iris lens options
- Snap-on bubble liner for covert appearance
- Advanced pivoting axis provides greater viewing flexibility
- Mounting options include pendant, inside corner, and electrical box
- Dimensions:
[height x bubble diameter]:
100 x 95 mm (3.9 x 3.7 in)
- Weight: 0.3 kg (0.7 lbs)

MODEL NUMBERS

ADCIEH0309CN	ADCIEH2606TN
ADCIEH0309CP	ADCIEH2606TP
ADCIEH0309TN	ADCIEH0922CP
ADCIEH0309TP	ADCIEH0922TN
ADCIEH0922CN	ADCIEH0922TP
ADCIEH2606CN	Accessories
ADCIEH2606CP	ADCDSL
	(Video service lead cable)

Mounts

ADCPWMPEND	Pendant cap, three-quarter inch thread
ADCPWMCNRN	Corner mount
ADCPWMELEC	4S electrical box adapter

Accessories

ADCDSL	Video service lead cable
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Model Number Guide

BRAND	FINISH	TYPE	LENS	BUBBLE	FORMAT
AD = American Dynamics	CI = White, Indoor	EH = High Resolution	2606 = 2.6 - 6.0 mm 0309 = 3.0 - 9.0 mm 0922 = 9.0 - 22 mm	C = Clear T = Tinted	N = NTSC P = PAL

Analog Bullet Cameras

BULLET CAMERAS

Camera	ADCD200-B	ADCD601-B
Imager	Interline transfer 1/3-inch CCD array	Interline transfer 1/3-inch CCD array
Video Output	1.0 Vp-p / 75 Ohm, composite	1.0 Vp-p / 75 Ohm, composite
Horizontal Resolution	380 TVL	520 TVL
Active Pixel Count NTSC	768 x 494 pixels	768 x 494 pixels
Active Pixel Count PAL	752 x 582 pixels	752 x 582 pixels
Lens	6mm, f/2.0 fixed	3-9mm, f/1.6
Min. Scene Illumination	0.0 lux (f/2.0 lens, AGC on, IR on)	0.0 lux (f/1.6 lens, AGC on, IR on)
S/N Ratio	48 dB	48 dB
Synchronization	Internal	Internal
IR Wavelength	850nm	850nm
IR distance	Up to 25m (80ft)	Up to 25m (80ft)
White Balance	Auto (2,500°K to 9,500°K)	Auto (2,500°K to 9,500°K)
Electronic Shutter	Auto (1/60 (1/50) ~ 1/100,000 sec.)	Auto (1/60 (1/50) ~ 1/100,000 sec.)
Backlight Compensation	Auto (Centre weighting)	Auto (Centre weighting)
Day/Night	Auto	Auto
DC Voltage	12VDC (±10%)	12VDC (±10%)
Power	4.5 Watts maximum	5.5 Watts maximum
Construction	Metal	Metal
Ingress protection	IP66	IP66
Color	Gray	Gray

Analog Bullet Cameras



Discover 600 Bullet Cameras:

- Super high resolution 520 TVL camera
- Day/Night switching for low light conditions
- IR corrected, 3X vari-focal lens
- Built-in infrared illumination
- IP66-rated housing for outdoor use
- Complete with lens and universal mount
- Provided with a wall/ceiling mount fitted

MODEL NUMBERS

ADCD601-B0001

Bullet cam, 520TVL, 3-9mm, IR, 12VDC, NTSC

ADCD601-B0002

Bullet cam, 520TVL, 3-9mm, IR, 12VDC, PAL

Accessories

ADC1121A

Power supply for Discover 200/600 Series, 12VDC,
1 amp

Analog Bullet Cameras



Discover 200 Bullet Cameras:

- High resolution 380 TVL camera
- Day/Night switching for low light conditions
- Complete with lens and universal mount
- Built-in IR illumination array
- IP66-rated housing for outdoor use
- Low power consumption

MODEL NUMBERS

ADCD200-B0001

Bullet cam, 380TVL, 6mm, IR, 12VDC,
NTSC

ADCD200-B0002

Bullet cam, 380TVL, 6mm, IR, 12VDC,
PAL

Accessories

ADC11211A

Power supply 12VDC, 1 amp

Analog Box Cameras

ANALOG BOX CAMERA COMPARISON TABLE

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

Analog Box Cameras

Super High Resolution, True Day/Night Camera, 1/3 in, 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 monitors
- 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)

MODEL NUMBERS

ADCTDN2412N

ADCTDN2412P

ADCTDN0230P

Super High Resolution, 1/3 in, 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 adjusts for accurate colors across a multitude of lighting conditions
- Automatic gain control, automatic electronic shutter, and backlight compensation
- 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)

MODEL NUMBERS

ADCSHR2412N

ADCSHR2412P

ADCSHR0230P

Analog Box Cameras

Standard Resolution Camera, 1/3 in, 330 TVL, 0.5 lux, CCD, DSP:



- 1/3 in interline color CCD
- Digital Signal Processing
- 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
- Dual (H & V) edge enhancement
- Automatic gain control
- Backlight compensation
- 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)

MODEL NUMBER

ADC733

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



- 1/3 in 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)

MODEL NUMBERS

ADC660N

ADC660P



“The American Dynamics cameras and the integration between them and the DVR have been instrumental to the success of the surveillance department here at Black Bear Casino.”

-Dennis Painter

Surveillance Manager

Black Bear Casino and Resort



When custom camera configurations and installations are not required, our pre-packaged cameras are an excellent choice. Each package comes pre-assembled, and includes the camera, lens, housing mount, and mounting hardware.

Analog Pre-Packaged Cameras



Integrated Camera, Housing & Lens Saves You Money

Pre-packs save you time and money. Arriving at your door pre-assembled and ready to go, they offer high level performance and advanced camera features.

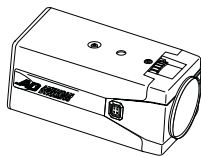
Standard Camera Pre-packs:

- Choice of camera, lens, housing, and mount combinations
- Assembled, adjusted, and tested
- Quick and easy installation
- NTSC and EIA (Electronic Industries Association) versions only
- Some versions also available without housing
- Indoor and outdoor versions
- Some versions include heater and blower

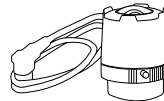
CONTENTS OF A STANDARD PRE-PACK:

- A** Camera
- B** Lens
- C** Housing (either indoor or outdoor environments)
- D** Mount

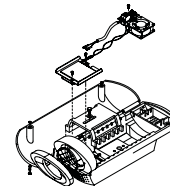
A Camera



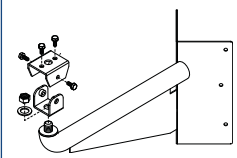
B Lens



C Housing



D Mount



Analog Pre-Packaged Cameras

STANDARD PRE-PACKAGED CAMERAS				
Color, True Day/Night, 540 TVL				
Auto Iris Lens	Housing	Mount	Format	Model Number
Discover 601 Box Camera				ADCTDN2412
2.8 - 11 mm, IR	Outdoor	Wall	NTSC	CPAKOTDN2-11N
10 - 40 mm, IR	Outdoor	Wall	NTSC	CPAKOTDN10-40N
3 - 8 mm, IR	Outdoor	Pole	NTSC	CPAKOPTDN3-8N
2.8 - 11 mm, IR	Outdoor	Pole	NTSC	CPAKOPTDN2-11N
10 - 40 mm, IR	Outdoor	Pole	NTSC	CPAKOPTDN10-40N
Color, 540 TVL				
Discover 600 Box Camera				ADCSHR2412
3.5 - 8 mm	Indoor	Wall	NTSC	CPAKISHR3-8N
2.8 - 12 mm	Indoor	Wall	NTSC	CPAKISHR3-12N
3.5 - 8 mm	Indoor	Pole	NTSC	CPAKIPSHR3-8N
2.8 - 11 mm	Indoor	Pole	NTSC	CPAKIPSHR2-12N
3.5 - 8 mm	Outdoor	Wall	NTSC	CPAKOSHR3-8N
2.8 - 12 mm	Outdoor	Wall	NTSC	CPAKOSHR2-12N
5 - 50 mm	Outdoor	Wall	NTSC	CPAKOSHR5-50N
3.5 - 8 mm	Outdoor	Pole	NTSC	CPAKOPSHR3-8N
2.8 - 12 mm	Outdoor	Pole	NTSC	CPAKOPSHR2-12N
5 - 50 mm	Outdoor	Pole	NTSC	CPAKOPSHR5-50N
3.5 - 8 mm	N/A	Wall	NTSC	CPAKIWSHR3-8N
2.8 - 12 mm	N/A	Wall	NTSC	CPAKIWSHR2-12N
5 - 50 mm	N/A	Wall	NTSC	CPAKIWSHR5-50N
Color, 330 TVL				
ACD733 Box Camera				
3.5 - 8 mm	Indoor	Wall	NTSC	CPAKI3303-8
2.8 - 12 mm	Indoor	Wall	NTSC	CPAKI3302-12
3.5 - 8 mm	Indoor	Pole	NTSC	CPAKIP3303-8
2.8 - 12 mm	Indoor	Pole	NTSC	CPAKIP3302-12
3.5 - 8 mm	Outdoor	Wall	NTSC	CPAKO3303-8
2.8 - 12 mm	Outdoor	Wall	NTSC	CPAKO3302-12
5 - 50 mm	Outdoor	Wall	NTSC	CPAKO3305-50
3.5 - 8 mm	Outdoor	Pole	NTSC	CPAKOP3303-8
2.8 - 12 mm	Outdoor	Pole	NTSC	CPAKOP3302-12
5 - 50 mm	Outdoor	Pole	NTSC	CPAKOP3305-50
3.5 - 8 mm	N/A	Wall	NTSC	CPAKIW3303-8
2.8 - 12 mm	N/A	Wall	NTSC	CPAKIW3302-12
5 - 50 mm	N/A	Wall	NTSC	CPAKIW3305-50

Analog Pre-Packaged Cameras

Micro-Camera Pre-Pack:



- 4 in micro-dome
- 1/3 in interline color imager, NTSC format
- 330 TVL - color
- 1/3 in, 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)

MODEL NUMBERS

ADC720D

ADC720DW

Bullet Camera Pre-Pack:



- 1/3 in interline color imager, NTSC format
- 330 TVL - color
- 1/3 in, 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)

MODEL NUMBER

ADC722WP

Motion Detector Camera Pre-Pack:



- Non-functional PIR detector housing
- 1/3 in interline color imager, NTSC format
- 330 TVL - color
- 1/3 in, 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 x 110 x 49 mm (2.7 x 4.3 x 1.9 in)
- Weight: .18 kg (.40 lbs)

MODEL NUMBER

ADC723PIR



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