



# IP Cameras

*IP cameras are ideal for wide-spread areas, such as parking lots, university campuses, or shopping plazas. For customers who need clear images of events happening far away, Illustra's unique megapixel wide angle feature fixes optical distortions found at the image edges in many other comparable IP cameras.*



American Dynamics' powerful IP cameras and domes offer a unique blend of high performance and excellent value. High resolution and true day/night capabilities ensure that the quality you expect from American Dynamics carries right into the IP era. At D1 resolution, image clarity is superior. MJPEG and MPEG-4 compression technologies provide flexible bandwidth management, allowing you to tailor the image to meet your needs.

### **IP PTZ Dome Cameras**

American Dynamics IP PTZ Domes leverage the best of the analog SpeedDome and add the power of IP. Extensive zooming capabilities (up to 420x total zoom 35x optical), superior images (540 TVL, Electronic Image Stabilization, True Day/Night, and Wide Dynamic Range), provide a superior camera solution that leverages your existing infrastructure for a low total cost of ownership.

American Dynamics IP cameras are ONVIF compliant, meeting the open standards criteria for IP-based physical security products. This compliance provides customers with greater flexibility in their choice of recording platforms.

Unlike many other IP PTZ domes in the industry, our domes support PoE technology which allows you to use standard category 5 cable in a typical network environment. Other domes either require you to run power cables to the dome or use PoE+, which is a drain on power and money. With PoE, a camera can still operate in the event of a power failure if the network is connected to a centralized power backup.

American Dynamics IP Domes offer full 360° PTZ capabilities, as opposed to most domes in the industry that pan, tilt, and zoom "almost" all the way around (355°), but leave just enough unmonitored area (5° worth) to cause a lot of problems. They support H.264, MJPEG, MPEG-4, and Active Content Compression (ACC) technology and are compatible with VideoEdge Network Video Recorder v3.0 and higher, as well as Intellex IP.

### **IP Mini-Domes**

Our IP Mini-Domes deliver real value with a wide range of features at bid-winning prices. High-resolution, vandal-resistant housings, IR illuminators, and true day-night capabilities ensure that the quality you expect from American Dynamics carries right into the IP era. IP Mini-Domes feature an advanced pivoting three-axis gimbal that

can be positioned at exactly the angle you need. Choose from the Illustra line of IP Mini-Domes for maximum resolution or our ADCIP line for compatibility with Intellex IP. Our economical, high quality line of ADCIP mini-domes for indoor and outdoor applications work with Intellex IP and feature 540 TVL.

### **IP Box Cameras**

American Dynamics IP Box cameras are of superior quality and provide the best image each and every time. Choose from a variety of models including the Illustra line with H.264 compression and maximum resolution of 2/3 megapixel or the economical ADCIP featuring high D1 resolution and built in local SD card storage. Access and control your IP box camera from a web browser or the latest version of NVR, HDVR, or Intellex IP, depending on model.

### **IP Bullet Cameras**

The Illustra 400 Series Bullet Camera has one of the most powerful sensor-processor combinations available on the market with a weatherproof IP66 sleek enclosure. Its 896 x 720 resolution sets it apart as a versatile device, bridging "standard resolution" with 650k pixels for incredibly high resolution. This powerful resolution and H.264 compression creates a blend of image quality and bandwidth-friendly performance.

# IP PTZ Dome Cameras



Most competitors' domes will pan, tilt, and zoom "almost" all the way around (355°), but leave just enough unmonitored area (5° worth) to cause a lot of problems. IP SpeedDome offers full 360° PTZ capabilities, letting you see more.

## IP SpeedDome:

- PoE leverages existing network infrastructure
- 22x and 35x optical zoom
- Supports H.264, MJPEG, MPEG-4, and Active Content Compression (ACC) technology
- 360° PTZ flexibility
- Built-in web server
- Alarm management via the network
- Bi-directional audio and synchronized video
- Dynamic privacy zones
- Unique bandwidth throttling
- Compatible with VideoEdge NVR v3.0 and Intellex IP
- ONVIF compliant

### MODEL NUMBERS

ADVEIPSD22N.....22x, NTSC

ADVEIPSD22P.....22x, PAL

ADVEIPSD35N.....35x, NTSC

ADVEIPSD35P.....35x, PAL

## IP SPEEDDOME COMPARISON TABLE

	IP SpeedDome 22x	IP SpeedDome 35x
Total zoom	242x	420x
Optical zoom	22x	35x
Digital zoom	12x	12x
Day/Night	No	Yes
Wide Dynamic Range	No	Yes
Electronic Image Stabilization	No	Yes
Programmable presets (controller dependent)	Up to 96	Up to 96
Programmable patterns	16	16
Programmable sequences	16	16
Preset, area, pattern naming	Up to 19 characters (user-defined)	Up to 19 characters (user-defined)



Illustra Connect is an innovative tool that intuitively finds all of your connected cameras, making Illustra IP some of the easiest cameras to install and configure in the industry.

## Illustra 400 IP Indoor Mini-Dome:

- Leading low light clarity with true day/night functionality
- H.264 compression up to 30 ips
- Maximum resolution of 2/3 megapixel
- Dual streaming video
- Remote access to onboard storage managed by schedule, motion detection, alarm or network loss
- Lightweight for best recessed mounting performance
- 3.5 mm in/out audio jacks for external microphone

### MODEL NUMBERS

ADCi400-D11 White clear IR Illuminator NTSC	ADCi400-D033 Black smoke IR Illuminator NTSC
ADCi400-D012 White clear IR Illuminator PAL	ADCi400-D034 Black smoke IR Illuminator PAL
ADCi400-D013 White smoke IR Illuminator NTSC	ADCi400-D051 Silver clear IR Illuminator NTSC
ADCi400-D014 White smoke IR Illuminator PAL	ADCi400-D052 Silver clear IR Illuminator PAL
ADCi400-D031 Black clear IR Illuminator NTSC	ADCi400-D053 Silver smoke IR Illuminator NTSC
ADCi400-D032 Black clear IR Illuminator PAL	ADCi400-D054 Silver smoke IR Illuminator PAL

# IP Mini-Domes

896 x 720 resolution sets Illustra 400 Series apart as a versatile device bridging “standard resolution” with 650k pixels for very high resolution.



## Illustra 400 IP Outdoor Mini-Dome:

- Wide dynamic range for clarity in backlit environments
- IP66, vandal resistant housing
- Striking clarity in low light
- Highly efficient H.264 compression up to 30 ips dual streaming
- Range of resolution options up to 2/3 megapixel
- Versatile remote onboard storage management
- 3.5 mm in/out audio jacks for external microphone

### MODEL NUMBERS

ADCi400-D021 White clear IR illuminator NTSC	ADCi400-D044 Outdoor black smoke IR illuminator PAL
ADCi400-D022 Outdoor white clear IR illuminator PAL	ADCi400-D061 Silver clear IR illuminator NTSC
ADCi400-D023 Outdoor white smoke IR illuminator NTSC	ADCi400-D062 Silver clear IR illuminator PAL
ADCi400-D024 Outdoor white smoke IR illuminator PAL	ADCi400-D063 Silver smoke IR illuminator NTSC
ADCi400-D041 Outdoor black clear IR illuminator NTSC	ADCi400-D064 Silver smoke IR illuminator PAL
ADCi400-D042 Outdoor black clear IR illuminator PAL	
ADCi400-D043 Outdoor black smoke IR illuminator NTSC	

# IP Mini-Domes



The IP Mini-Domes feature an advanced pivoting three-axis gimbal that can be positioned at exactly the angle you need.

## IP Mini-Domes:

- ADCIP IP Mini-Domes (Indoor and Outdoor) for use with Intellex IP
- D1 resolution
- Offers true day/night functionality for low light conditions
- Built-in IR illuminator for no light conditions
- Supports MJPEG and MPEG-4 compression technologies
- Outdoor model features vandal resistant housing
- Access and control the mini-domes from a web browser or the latest version of VideoEdge NVR or Intellex IP
- Multiple level password-protected user access
- USB interface for browser-based IP configuration
- Supports Power over Ethernet (PoE) for cost-savings and ease of installation

### MODEL NUMBERS

INDOOR	OUTDOOR
ADCIPE3312ICN	ADCIPE3712OCN
ADCIPE3312ISN	ADCIPE3712OSN
ADCIPE3312ICPE	ADCIPE3712OCPE
ADCIPE3312ISPE	ADCIPE3712OSPE
ADCIPE3312ICPU	ADCIPE3712OCPU
ADCIPE3312ISPU	ADCIPE3712OSPU

### Model Number Guide

BRAND	CAMERA	PROTOCOL	SERIES	LENS	ENVIRONMENT	BUBBLE	FORMAT	OUTLET STYLE
AD = American Dynamics	C	IP	E	3312 = Vari-focal 3.3-12 mm 3712 = Vari-focal 3.7-12 mm	I = Indoor O = Outdoor	C = Clear S = Smoked	N = NTSC P = PAL	E = Europe U = UK

# IP Mini-Domes

IP MINI-DOMES COMPARISON TABLE

	ADCIPE3312Ixx (Indoor)	ADCIPE37120xx (Outdoor)	Illustra 400 (Indoor)	Illustra 400 (Outdoor)
Housing	Non Vandal resistant	Vandal resistant	Non vandal resistant	Vandal resistant
Compression				
Imager	1/3 in CCD	1/3 in CCD	1/3" Sony CMOS progressive scan	1/3" Sony CMOS progressive scan
Video Output	1.0 Vp-p/75-ohm, BNC	1.0 Vp-p/75-ohm, BNC	1.0 Vp-p +/- 10%, 75 ohm, composite, negative, RCA x 1	1.0 Vp-p +/- 10%, 75 ohm, composite, negative, RCA x 1
Resolution	NTSC: 720x480, 720x240, 352x240, 176x112 PAL: 720x576, 720x288, 352x288, 176x112	NTSC: 720x480, 720x240, 352x240, 176x112 PAL: 720x576, 720x288, 352x288, 176x112	CIF, D1, 896 x 720p	CIF, D1, 896 x 720p
Active Pixel Count (H x V)	NTSC: 768 x 494 (PAL: 752 x 582)	NTSC: 768 x 494 (PAL: 752 x 582)	896 x 720	896 x 720
Minimum Illumination	Typ2: 0.65 lux @ F1.2 Min3: 0.19 lux @ F1.2	Day: 0.65 lux @ F1.2 Night: 0.07 lux @ F1.2	0.2 lux at F1.2 color 0.01 lux b/w 0.00 w/IR illuminator	0.2 lux at F1.2 color 0.01 lux b/w 0.00 w/IR illuminator
S/N Ratio	50 dB	50 dB	50 dB	50 dB
White Balance	AWB	AWB	AWB	AWB
Flickerless Mode	Selectable on/off	Selectable on/off	NA	NA
Digital Zoom	N/A	N/A	Yes	Yes
Bubble F-stop	F1.0 (tinted); F0 (clear)	F1.0 (tinted); F0 (clear)	F1.0 (tinted); F0 (clear)	F1.0 (tinted); F0 (clear)
Lens Options	3.3 – 12 mm auto iris lens	3.7 – 12 mm auto iris lens	3.3-12mm vari-focal auto iris DC drive lens	3.3-12mm vari-focal auto iris DC drive lens
Housing Color	White	White	White, black, or silver	White, black, or silver
Environmental Rating	Indoor	Indoor/Outdoor	None	IP66

# IP Box Camera

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The Illustra 400 Series Box Camera features up to 32 GB of available onboard storage for alarm-based recording.

## Illustra 400 IP Box Camera:

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- H.264 compression with 30 fps
- Wide dynamic range for clarity in backlit environments
- Low light clarity in color and black & white
- Dual streaming video
- Access and control the cameras from a web browser or the NVR
- PoE compliant
- Easy installation with existing American Dynamics mounts
- 3.5 mm in/out audio jacks for external microphone

### MODEL NUMBERS

ADCi400-X001

W/Out lens TDN WDR POE NTSC

ADCi400-X002

W/Out lens TDN WDR POE PAL

ADCi400-X201

1.7mm wide angle auto iris lens TDN WDR POE NTSC

ADCi400-X202

1.7mm wide angle auto iris lens TDN WDR POE PAL

# IP Standard Resolution Box Camera

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## IP Standard Resolution Box Camera:

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- Economical, high quality box camera
- D1 resolution
- Built-in local SD card storage
- Offers true day/night functionality for low light conditions
- Architecture leverages MJPEG and MPEG-4 compression technologies
- Access and control the cameras from a web browser or the latest version of VideoEdge NVR or Intellex IP
- Multiple level password protected user access
- 10/100 Base-T network support

### MODEL NUMBERS

ADCIPEBPN  
POE/12VDC, NTSC, W/PS

ADCIPEBPPE  
POE/12VDC, PAL, EU PLUG, W/PS

ADCIPEBPPU  
POE/12VDC, PAL, UK PLUG, W/PS

ADCIPEBN  
24VAC/12VDC, NTSC, W/PS

ADCIPEBPE  
24VAC/12VDC, PAL, EU PLUG, W/PS

ADCIPEBPU  
24VAC/12VDC, PAL, UK PLUG, W/PS

# IP Bullet Camera



## Illustra 400 IP Bullet Camera:

- Maximum resolution of 2/3 megapixel
- H.264 compression with 30 ips
- Sleek IP66-rated weatherproof construction
- Adjustable sunshield with security screws
- Wide dynamic range for clarity in high contrast environments
- Industry-leading low light clarity in color and black & white
- Dual streaming, progressive scan video
- PoE compliant (802.11af)
- Camera supplied with arm mount
- 3.5 mm in/out audio jacks for external microphone
- IR Illuminators

MODEL NUMBERS	
ADCi400-B021	ADCi400-B041
White NTSC	Black NTSC
ADCi400-B022	ADCi400-B061
White PAL	Silver NTSC
ADCi400-B042	ADCi400-B062
Black PAL	Silver PAL