



American Dynamics

A Tyco International Company

# Illustra 400 IP Series Cameras

2/3 Megapixel Indoor Mini-Dome



## Features That Make a Difference:

- Wide dynamic range for clarity in backlit environments
- Leading low light clarity with true day/night functionality
- H.264 compression up to 30 ips
- Range of resolution options over 2/3 megapixel
- Dual streaming video
- Remote access to onboard storage managed by schedule, motion detection, alarm or network loss

The Illustra 400 Series Indoor Mini-Dome has a compact design and comes in a variety of colors.

Its 896 x 720 resolution sets it apart as a versatile device bridging “standard resolution” with 650k pixels for very high resolution. This powerful resolution and H.264 compression creates a blend of image quality and bandwidth-friendly performance.

With wide dynamic range, advanced onboard storage, and remote management, these IP cameras deliver superior quality and versatility.

Power over Ethernet (802.3 af PoE) enables a single cable to power the device while sending video and receiving commands, saving time and installation costs.

PoE also powers the integrated IR illuminators up to 16.76 m (55 ft). The IR illuminators take the Illustra 400 Mini-Dome's low light performance to a higher level. While the 400 Series delivers clarity at 0.2 lux in color and 0.01 lux in black & white, the IR illuminator allows these levels to go even lower. When low light is important, the illuminators will light the scene when there is zero ambient light.

## Specifications

### Video

Compression . . . . . H.264, MJPEG  
 Max Frame Rate . . . . . H.264 30 ips 896 x 720  
 MJPEG: 30 ips 896 x 720

### Camera

IR Illuminator . . . . . 18m (55 ft)  
 Resolution . . . . . CIF, D1, 896 x 720p  
 Video Streams . . . . . Dual simultaneous streams  
 Imager . . . . . 1/3" Sony CMOS progressive scan  
 Day/Night . . . . . Mechanical IR Cut Filter  
 Day/Night Mode . . . . . Auto/Day/Night/Schedule  
 Motion Detection . . . . . Yes, 512 independent zones with sensitivity control  
 Privacy Zones . . . . . Three independent configurable zones  
 Alarms . . . . . Motion, alarm input, Ethernet loss, network/remote digital alarm input, tamper  
 Audio . . . . . Bi-directional duplex, half-duplex, audio off  
 Audio Input/Output . . . . . 1/1 3.5mm mini RCA Jack  
 Alarm Input/Output . . . . . 2/1  
 Minimum Illumination . . . . . 0.2 lux at F1.2 color  
 0.01 lux b/w  
 0.00 w/IR illuminator  
 Wide Dynamic Range . . . . . 100dB, 9 adjustable level settings  
 Lens Type . . . . . 3.3-12mm vari-focal auto iris DC drive lens  
 Auto-Iris Support . . . . . DC iris  
 Analog Video Output . . . . . 1.0 Vp-p +/- 10%, 75 ohm, composite, negative, BNC x 1  
 USB . . . . . USB 2.0 for fast IP configuration

### Network

Interface . . . . . Ethernet 10/100Base-T  
 Ethernet Port . . . . . RJ-45  
 Supported Protocols . . . . . TCP/IP, DHCP, HTTP, ICMP, UPnP, ARP, DNS, DDNS, PPPoE, SMTP, SNTP, FTP, UDP, RTP/RTCP/RTSP, IPv4, HTTPS, SAMBA, UPnP Port Forwarding, 3GPP

### Configuration Management

Web Browse . . . . . MS Internet Explorer, Mozilla Firefox, Chrome  
 Security . . . . . Multi-level; multi-users; IP address filtering, User access log, HTTPS

### Onboard Storage

Card Support . . . . . MMC/SD/SDHC 2.0 up to 32 GB  
 Pre-alarm Recording . . . . . Yes  
 Alarm Video Buffers . . . . . 48 MB pre-alarm and post-alarm  
 Record Format . . . . . MJPEG, AVI  
 Network Playback . . . . . Yes  
 Recording Trigger . . . . . Schedule, motion detection, alarm, network loss

Smart Event Management . . . . . FTP file format, SMTP file format, SD card

Simultaneous Users . . . . . Eight

### Electrical

Power Input . . . . . DC 12V, AC 24 V and PoE IEEE 802.3 af  
 Power Draw . . . . . DC 12V(5.7W), AC 24 V(7.3W) and PoE(7.3W)  
 PoE Class . . . . . Class 3

### Physical

Dimensions (D x H) . . . . . 150 mm x 124 mm (5.90 in x 4.88 in)  
 Weight . . . . . 1.8 kg (3.97 lbs)  
 Housing Color . . . . . White or black  
 Operating Temperature . . . . . -0° to 50°C (-4° to 122°F)  
 Outdoor Rating . . . . . None

### Regulatory

Emissions . . . . . FCC 107 & 109, Part 15b  
 ICES-003/NMB-003, Class A  
 AS/NZS CISPR22, Class A  
 CE: EN55022, Class A  
 Immunity . . . . . CE: EN50130-4  
 Safety . . . . . UL 60950-1

## Ordering Information

Model Numbers	Description
ADCi400-D011	Illustra 400 fixed dome 2/3MP 3.3-12 mm TDN WDR PoE Indoor white clear IR illuminator NTSC
ADCi400-D012	Illustra 400 fixed dome 2/3MP 3.3-12 mm TDN WDR PoE Indoor white clear IR illuminator PAL
ADCi400-D013	Illustra 400 fixed dome 2/3MP 3.3-12 mm TDN WDR PoE Indoor white smoke IR illuminator NTSC
ADCi400-D014	Illustra 400 fixed dome 2/3MP 3.3-12 mm TDN WDR PoE Indoor white smoke IR illuminator PAL
ADCi400-D031	Illustra 400 fixed dome 2/3MP 3.3-12 mm TDN WDR PoE Indoor black clear IR illuminator NTSC
ADCi400-D032	Illustra 400 fixed dome 2/3MP 3.3-12 mm TDN WDR PoE Indoor black clear IR illuminator PAL
ADCi400-D033	Illustra 400 fixed dome 2/3MP 3.3-12 mm TDN WDR PoE Indoor black smoke IR illuminator NTSC
ADCi400-D034	Illustra 400 fixed dome 2/3MP 3.3-12 mm TDN WDR PoE Indoor black smoke IR illuminator PAL

## Related Products



victor



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## Approvals



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