



American Dynamics

A Tyco International Company

Illustra 400 IP Series Cameras

2/3 Megapixel Outdoor Vandal Resistant Mini-Dome



Features That Make a Difference:

- 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

The Illustra 400 Series Outdoor Vandal Resistant Mini-Dome has one of the most powerful sensor-processor combinations available on the market with a weatherproof IP66 enclosure. 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.

Video

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

Camera

IR Illuminator 18 m (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 Interface 1/1, 3.5 mm 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 Browser 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 (included), AC 24 V and PoE IEEE 802.3 af
 Power Draw DC 12V (10.5W), AC 24 V (10.5 W) and PoE (10.5 W)
 PoE Class Class 3

Physical

Dimensions (D x H) 150 mm x 124 mm (5.90 in x 4.88 in)
 Weight 2.25 kg (4.96 lbs)
 Housing Color White or black
 Operating Temperature -40° to 50°C (-40° to 122°F) operated by 12VDC power supply, included
 Outdoor Rating IP66

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-D021	Illustra 400 fixed dome 2/3MP 3.3-12 mm TDN WDR PoE outdoor white clear IR illuminator NTSC
ADCI400-D022	Illustra 400 fixed dome 2/3MP 3.3-12 mm TDN WDR PoE outdoor white clear IR illuminator PAL
ADCI400-D023	Illustra 400 fixed dome 2/3MP 3.3-12 mm TDN WDR PoE outdoor white smoke IR illuminator NTSC
ADCI400-D024	Illustra 400 fixed dome 2/3MP 3.3-12 mm TDN WDR PoE outdoor white smoke IR illuminator PAL
ADCI400-D041	Illustra 400 fixed dome 2/3MP 3.3-12 mm TDN WDR PoE outdoor black clear IR illuminator NTSC
ADCI400-D042	Illustra 400 fixed dome 2/3MP 3.3-12 mm TDN WDR PoE outdoor black clear IR illuminator PAL
ADCI400-D043	Illustra 400 fixed dome 2/3MP 3.3-12 mm TDN WDR PoE outdoor black smoke IR illuminator NTSC
ADCI400-D044	Illustra 400 fixed dome 2/3MP 3.3-12 mm TDN WDR PoE outdoor black smoke IR illuminator PAL

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