



American Dynamics

A Tyco International Company

Illustra 400 IP Series Cameras

2/3 Megapixel Indoor Box



Features That Make a Difference:

- Max resolution 2/3 megapixel
- H.264 compression with 30 ips
- 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

The Illustra 400 Series Box bridges the resolution gap between standard and megapixel resolution. Its 30 ips at 896 x 720 resolution sets it apart as a versatile device. Combining superior resolution with H.264 compression, this camera creates an ideal blend of image quality and bandwidth-friendly performance.

The Illustra 400 Series includes an expansive range of features, such as onboard motion detection, wide dynamic range, and remote onboard storage management. These cameras deliver superior quality and versatility at an economical price point.

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.

The Illustra 400 Series Box comes either without a lens, or packaged with the Theia SY110A wide angle lens for a distortion-free 110 degree field of view. The wide angle option has advantages in that it provides the best wide angle image quality without “barrel distortion” or vignetting. This spreads the video data evenly across the image, where other wide angle lenses bunch the data into the center of the image. This feature leaves less data at the edges, where functions such as motion search or analytics may be less effective with other lenses.

Specifications

Video

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

Camera

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, built-in microphone
 Alarm Input/Output 1/1
 Minimum Illumination 0.2 lux at F1.2 color
 0.01 lux b/w
 Wide Dynamic Range 100dB, 9 adjustable level settings
 Lens Type CS mount, lens varies by model number
 Auto-Iris Support DC iris
 Analog Video Output 1.0 Vp-p +/- 10%, 75 ohm, composite, negative, BNC x 1

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 RSA

Onboard Storage

Card Support MMC/SD/SDHC 2.0 up to 32 GB
 Brands Verified Toshiba, A Pacer, PQI, A-Data, Transcend, Photo Fast
 Pre-alarm Recording Yes
 Alarm Video Buffers 48 MB pre-alarm and post-alarm
 Record format MJPEG, AVI
 Network Playback Yes, via web browser
 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 (4.8W), AC 24 V (6W) and PoE (6W)
 PoE Class Class 2

Physical

Dimensions (H x W x D) 56 mm x 68 mm x 114.5 mm
 (2.20 in x 2.67 in x 4.51 in)
 Weight 360 g (0.79 lbs)
 Housing Color White or black
 Operating Temperature 0° to 50°C (32° 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-X002	Illustra 400 box 2/3MP w-out lens TDN WDR PoE PAL
ADCi400-X001	Illustra 400 box 2/3MP w-out lens TDN WDR PoE NTSC

Related Products



victor



VideoEdge
NVR 4.0



HDVR

Approvals



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