

PRO

2MP 30x PTZ

Features That Make a Difference:

- Leading speed and performance – moves to position at 512° per second
- Ultra-low latency for accurate camera tracking control – analog-like control precision in a full HD, 1080p IP PTZ
- Powerful 30x optical zoom, 12x digital zoom
- Impressive video quality in high contrast lighting with true wide dynamic range 96db
- Advanced features including motion detection, electronic image stabilization, and auto defog
- Superior low light performance with enhanced highlight intensity, whiteout reduction
- Efficient bandwidth use to reduce network traffic and save on storage costs
- Motion tracking analytic with Intelligent Guard Tour feature
- exacqVision Edge Ready
- IK10-rated on outdoor models



Indoor Model

The exceptional speed of the Illustra Pro PTZ 30x coupled with ultra-low latency performance gives security personnel the ability to accurately track subjects in mission-critical applications. The camera tracks a scene with the precision you would expect from an analog PTZ camera.

The Illustra Pro PTZ 30x employs zoom-adjusted program (ZAP) technology to automatically control the pan and tilt speed in proportion to the amount of zoom used, delivering precise pan and tilt control. Exceptional gearing and braking designs deliver pan and tilt speeds and accuracy that surpass the maximum speed and return-to-position accuracy of competitive HD PTZ cameras. Using programmed presets and tours, the Illustra Pro PTZ moves into position at 512° per second. In its automated modes, the camera delivers HD video from scene to scene in just fractions of a second.

The 30x PTZ supports motion detection with auto-tracking capability. The intelligent Guard Tour feature combines motion detection, auto-tracking and preset sequences or scans to allow the PTZ to perform independently



Outdoor Model

using its embedded intelligence to zoom-in, track, and record suspicious activity in the scene. While moving through a preset tour without an operator controlling the camera, the Guard Tour Feature enables the camera to deliver the video evidence necessary for identifying subject activity in forensic investigations.

With advanced features and functionality, the Illustra Pro PTZ 30x offers superior surveillance. Motion detection, auto-tracking analytics with "Intelligent Guard Tour" feature, electronic image stabilization, True Wide Dynamic Range (TWDR), enhanced intensity control, auto defog and frame noise reduction all work to ensure excellent video quality is maintained in even the most complex lighting environments. Exceptional video quality, HD resolution and advanced optics provide for precise forensic surveillance capability. For example, the 30x PTZ enables reading license plate characters at a distance of over 1000' from the camera. The combination of advanced features and premium performance make the Illustra Pro 2MP 30x PTZ a must have for any critical infrastructure installations where high performance surveillance is required.

Features

Indoor Bubble Cover and Mounting Options



Bubble Cover

IPS02P6ANBTT
ADCiPTZINDWCLR

Available in black or white with clear or smoked bubble



Wall Mount

IPS02P6ANBTT
ADCiM6WALLBK

IPS02P6ANBTT
ADCiPTZINDWCLR
ADCiM6WALLWK

Available in black or white and can be used with a black or white bubble, cover with clear or smoked bubble cover



*Flush Mount with Bubble

IPS02P6ANBTT
ADCi6PFMKIWC

Lowest profile indoor installation with only 4.5" visible below the ceiling

Bubble available in clear or smoked with white or black trim ring



Gooseneck Mount (with Pendant Cap)

IPS02P6ANBTT
ADCi6DPCAPOB
ADCBMARM

IPS02P6ANBTT
ADCiPTZINDWCLR
ADCi6DPCAPOW
ADLOMARM

Available in black or white, and can be used with black or white bubble cover with clear or smoked bubble

*Available for plenum-rated installations

Profile measurements for indoor installation options

| | Ceiling Surface Mount without Bubble | Ceiling Surface Mount with Bubble | Recessed Ceiling Mount with Bubble |
|----------------------|--------------------------------------|-----------------------------------|------------------------------------|
| Diameter | 154 mm (6.06 in) | 210 mm (8.27 in) | 255 mm (10.04 in) (flange) |
| Total Height | 178 mm (7.01 in) | 213 mm (8.39 in) | 280 mm (11.02 in) |
| Height Below Ceiling | 191 mm (7.52 in) | 213 mm (8.39 in) | 125 mm (4.92 in) |

Specifications

Camera

| | |
|------------------------------|--|
| Resolutions | 1080p (1920 x 1080); HD+ (1600 x 900); 720p (1280 x 720) PAL+ (1024 x 576); qHD (960 x 540); 800 x 450; nHD (640 x 360); 480 x 270; 320 x 180; 160 x 90 |
| Max Frame Rate | 1080p at 30ips |
| Imager | 1/2.8" CMOS |
| Scanning System | Progressive |
| Wide Dynamic Range | Yes, True WDR 100db |
| True Day/Night | Yes |
| Minimum Scene Illumination | 0.1 Lux color, AGC on, 1/30s 0.01 Lux color, AGC on, 1/4s 0.001 Lux b&w, AGC on, 1/4s |
| Auto Tracing White Balance | Yes, adjustable |
| Shutter Speed (Auto) | 1/2 - 1/30,000 sec |
| Lens | 30x optical zoom; 12x digital zoom |
| Horizontal Field of View | 63.4° (wide); 2.3° (telephoto) |
| Vertical Field of View | 37.3° (wide); 1.3° (telephoto) |
| Angular Resolution | 835 pixels per degree (telephoto) |
| Aperture (Aspherical Design) | F1.4~F4.6 (wide-telephoto) |
| Focal Length | 4.4mm~132mm (wide-telephoto) |
| Supported Codecs | H.264 and MJPEG up to 1080p 30ips |
| Feature Plus Models | |
| Alarm Inputs | 4 |
| Auxiliary Output | One Form 1-C relay |
| Audio Compression | PCM, G711A, G711U |

Operational

| | |
|---|--|
| Manual Pan/Tilt | 0.25°-100° per second (based on zoom manual position) |
| Preset Pan/Tilt Speed | 512° per second, maximum |
| Pan Travel | 360° continuous |
| Tilt Travel | 105°; 210° with the tilt auto flip feature |
| Pan/Tilt Accuracy | ± 0.25° |
| Zoom/Focus Accuracy | ± 0.5% |
| Programmable Presets/Patterns/Sequences/ Areas/Privacy Zones | 96/16/16/16/32 |
| Direction Indicators | Yes |
| Menu Languages | Arabic, Chinese (Simplified), Chinese (Traditional), Czech, Danish, English (default), French, German, Hungarian, Italian, Japanese, Korean, Netherlands, Polish, Portuguese, Spanish, Swedish, Turkish |

Network

| | |
|---------------------|---|
| Interface | Ethernet 10/100Base-TX |
| Ethernet Port | RJ-45 |
| Supported Protocols | IPv4, IPv6, TCP/IP, UDP, TLS, SSH, HTTP, HTTPS, SOAP, FTP, SMTP, SNMP, RTP, RTSP, DDNS, DHCP, DNS, NTP, WS-Discovery, WS-Addressing, WS-Security, multicast |
| Onboard Storage | Micro SD/HC up to 32GB (card not included) |

Electrical

| | |
|------------------|--|
| Power | .24 VAC; PoE+ IEEE 802.3af, Class 4 (Indoor only) |
| Input Voltage | .22 to 30 VAC, Class 2 LPS |
| Line Frequency | .50/60 Hz |
| Max. Current | |
| Indoor | 1.4 amps RMS (25.5W max.) |
| Outdoor | 2.5 amps RMS (85VA and 75W max.) |
| Surge Protection | Yes, on all electrical inputs/outputs |

Connectors

| | |
|---------------------|--|
| Power Connector | position, 3.5mm euro style connector |
| Data and Power | RJ-45 for 10/100BaseT |
| Feature Plus Models | |
| Auxiliary DIO | 4 input and 1 output 3.5mm pluggable euro-style screw terminal blocks |
| Audio/Video | cable assembly, electret microphone input and audio output |

Mechanical

| | |
|--------------------------|--|
| Indoor | |
| Height (Includes Base) | 178 mm (7.01 in) |
| Diameter | 154 mm (6.06 in) |
| Weight | 2.06 kg (4.5 lb) |
| Color | |
| Camera | Black |
| Bubble | Black (Pantone C) or white (RAL 9003) cover with clear or smoked bubble |
| Outdoor | |
| Height (Includes Base) | 372 mm (14.65 in) |
| Diameter | 257 mm (10.12 in) |
| Weight (Base and Bubble) | 6.6 kg (14.6 lb) |
| Color (Bubble) | White (RAL 9003) housing with clear or smoked bubble |

Environmental

| | |
|-----------------------|--------------------------------|
| Operating Temperature | |
| Indoor | -10°C to 50°C (14°F to 122°F) |
| Outdoor | -40°C to 50°C (-40°F to 122°F) |
| Humidity | 95% non-condensing |
| Storage Temperature | -20°C to 65°C (-4°F to 149°F) |

Regulatory

| | |
|------------------|---|
| Emissions | FCC: Part 15 Class A, CE: EN55022 Class A, AS/NZS CISPR 22 Class A, ICES-003/NMB-003 Class A |
| Immunity | CE: EN50130-4, EN55024, EN61000-6-1 |
| Safety | UL60950-1, IEC 60950-1, CSA 22.2 No. 60950, CE: EN60950-1 |
| Outdoor | UL 50 (Type 4), EN60529 (IP66) |
| Environmental | RoHS |
| Vandal-Resistant | Outdoor models IK10-rated |

PTZ Indoor Model

| Model | Description |
|--------------|--|
| IPS02P6ANBTT | Illustra Pro 2MP PTZ, 30x, indoor, non-vandal, black, TDN, TWDR |
| IPP02P6ANBTT | Illustra Pro Feature Plus 2MP PTZ, 30x, indoor, non-vandal, black, TDN, TWDR |

PTZ Outdoor Model

| | |
|--------------|---|
| IPS02P6OCWTT | Illustra Pro 2MP PTZ, 30x, outdoor, vandal, clear, white, TDN, TWDR |
| IPS02P6BCWTT | Illustra Pro 2MP PTZ, 30x, outdoor, non-vandal, clear, white, TDN, TWDR |
| IPS02P6OSWTT | Illustra Pro 2MP PTZ, 30x outdoor, vandal, smoked, white, TDN, TWDR |
| IPS02P6BSWTT | Illustra Pro 2MP PTZ, 30x, outdoor, non-vandal, smoked, white, TDN, TWDR |
| IPP02P6OCWTT | Illustra Pro Feature Plus 2MP PTZ, 30x, outdoor, vandal, clear, white, TDN, TWDR |
| IPP02P6BCWTT | Illustra Pro Feature Plus 2MP PTZ, 30x, outdoor, non-vandal, clear, white, TDN, TWDR |
| IPP02P6OSWTT | Illustra Pro Feature Plus 2MP PTZ, 30x, outdoor, vandal, smoked, white, TDN, TWDR |
| IPP02P6BSWTT | Illustra Pro Feature Plus 2MP PTZ, 30x, outdoor, non-vandal, smoked, white, TDN, TWDR |

Housing

| | |
|----------------|---|
| ADCIPTZINDWCLR | Illustra PTZ indoor housing, clear bubble, non-vandal, white |
| ADCIPTZINDWSMK | Illustra PTZ indoor housing, smoked bubble, non-vandal, white |
| ADCIPTZINDBCLR | Illustra PTZ indoor housing, clear bubble, non-vandal, black |
| ADCIPTZINDBSMK | Illustra PTZ indoor housing, smoked bubble, non-vandal, black |
| ADCi6PFMKIWC | Illustra 625 PTZ indoor housing, recessed flush mount with clear bubble, white |
| ADCi6PFMKIWS | Illustra 625 PTZ indoor housing, recessed flush mount with smoked bubble, white |
| ADCi6PFMKIBC | Illustra 625 PTZ indoor housing, recessed flush mount with clear bubble, black |
| ADCi6PFMKIBS | Illustra 625 PTZ indoor housing, recessed flush mount with smoked bubble, black |

Indoor Mounting Options

| | |
|-------------|--|
| RHIUIBM | I-Beam mount |
| RHIU2x2P | 2x2 tile Pendant |
| RHIU3x3 | 3.5x3.5 Mounting plate (Only have adapter) |
| RHIU4x4 | 4x4 Mounting plate (Only have adapter) |
| RHIUCM | Wall Corner Mount |
| ADCi6P2x2IW | 2x2 Tile Mount Plate |

Indoor Adapter Options

| | |
|--------------|---|
| ADCi6WALLBK | Illustra 600 wall mount indoor outdoor black adapter Kit |
| ADCi6WALLWK | Illustra 600 wall mount indoor outdoor white adapter Kit |
| ADCi6FLUSHOW | Illustra 600 series Flush Mount Kit Outdoor Dome White |
| ADCi6FLUSHOB | Illustra 600 series Flush Mount Kit Outdoor Dome Black |
| ADCi6DPCAOW | Illustra 600610 Series Pendant Cap outdoor white, 3/4" NPT |
| ADCi6DPCAOB | Illustra 600 Series Pendant Cap outdoor black kit, 3/4" NPT |
| ADLOMARM | Gooseneck Wall Arm, white |
| ADCBMARM | Gooseneck Wall Arm, black |
| ADCDMPOLE | Pole mount adapter (used with Gooseneck mount) |
| ADCDMCRNRO | Outside corner mount adapter (used with Gooseneck mount) |

Outdoor Mounting Options

| | |
|-------|-------------------------------|
| RHOSW | Short Wall Mount with End Cap |
| RHOLW | Long Wall Mount with End Cap |
| RHOTR | Over the Roof Mount |

Outdoor Adapter Options

| | |
|--------|---------------------------|
| ROTRF | Over the Roof Floor Mount |
| RHOWCA | Corner Bracket Adapter |
| RHOWPA | Pole Strap |
| ROENDC | End Cap Assembly |

Power Supplies

| | |
|------------|--|
| ADPOE-Plus | 1 port, high power, PoE+ midspan |
| ADSPOT | Power supply, for outdoor domes, 1 output, 120/240 VAC to 24 VAC |

| ILLUSTRATE CAMERA MODEL KEY | | | | | | | | | | | |
|-----------------------------|----------------|--------------|------------|------------------|--------------|-----------------------|------------|------------|--------------------|---------------------------------|---------------------|
| ILLUSTRATE | SERIES | MODEL | RESOLUTION | FORM FACTOR | LENS | ENVIRONMENT HOUSING | BUBBLE | COLOR | DAY/NIGHT/IR | WDR | OTHER |
| I | E = Essentials | L = Lite | 01 = 1MP | B = Bullet | N = None | N = None | N = None | B = Black | C = Color Only | N = No | A = Hardware Update |
| | F = Flex | P = Plus | 02 = 2MP | C = Compact Dome | F = Fixed | A = Indoor NonVandal | C = Clear | G = Gray | I = TDN w/IR | T = Multi-Exposure (>60 Frames) | 1 = 2.6mm |
| | P = Pro | S = Standard | 03 = 3MP | D = Dome | 0 = 1.8—3mm | B = Outdoor NonVandal | S = Smoked | S = Silver | S = Soft Day/Night | Y = Yes | 2 = 2.8mm |
| | Q = Edge | | 05 = 5MP | F = Fisheye | 1 = 2.8—12mm | I = Indoor Vandal | | W = White | T = TDN | | 3 = 3.7mm |
| | | | 12 = 12MP | H = Micro | 2 = 3—9mm | O = Outdoor Vandal | | | | | |
| | | | | M = Mini-Bullet | 3 = 9—22mm | | | | | | |
| | | | | P = PTZ | 4 = 9—40mm | | | | | | |
| | | | | X = Box | 5 = 20x | | | | | | |
| | | | | | 6 = 30x | | | | | | |

Related Products



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HDVR



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