

# 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

RHIU1BM	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

ADCiM6WALLBK	Illustra 600 wall mount indoor outdoor black adapter Kit
ADCiM6WALLWK	Illustra 600 wall mount indoor outdoor white adapter Kit
ADCiM6FLUSHOW	Illustra 600 series Flush Mount Kit Outdoor Dome White
ADCiM6FLUSHOB	Illustra 600 series Flush Mount Kit Outdoor Dome Black
ADCi6DPCAPOW	Illustra 600610 Series Pendant Cap outdoor white, 3/4" NPT
ADCi6DPCAPOB	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



VideoEdge NVR



HDVR



victor

## Approvals



Driving network video through global standardization

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