

# POE PTZ IP CAMERA – SMART ENCODING

## 2MP INDOOR/OUTDOOR SUPER STARLIGHT PTZ DOME

IPC6222E-X33UP



### Key Features

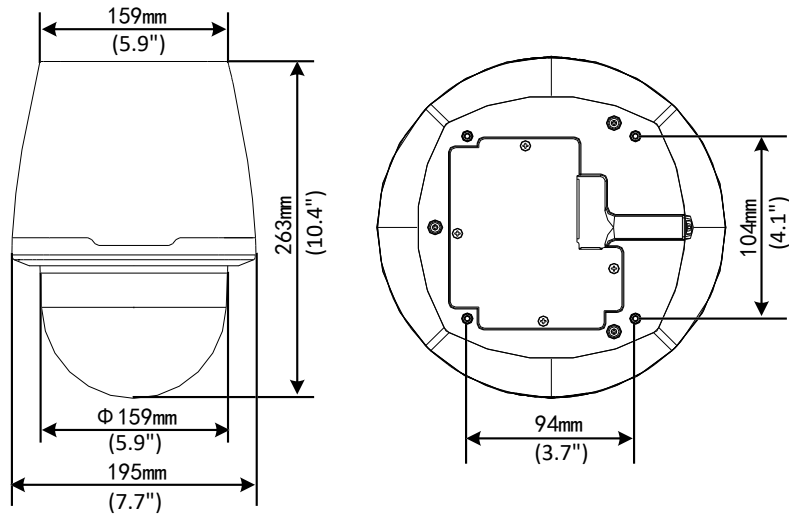
- Starlight illumination
- 33x Optical Zoom
- Accurate and Fast Focusing
- Up to 120 dB WDR (Wide Dynamic Range)
- Smart Encoding/ Ultra 265, H.265, H.264, MJPEG
- Embedded smart algorithm
- ROI (Region of Interest)
- Customized OSD
- ONVIF Conformance
- Wide input voltage range of  $\pm 25\%$
- Wide temperature range:  $-35^{\circ}\text{C}$  to  $60^{\circ}\text{C}$  ( $-31^{\circ}\text{F}$  to  $140^{\circ}\text{F}$ )

## Specifications

IPC6222E-X33UP			
Camera			
Sensor	1/2.8", progressive scan, 2megapixel, CMOS		
Lens	4.5~ 148.5mm (33x optical zoom), AF automatic focusing and motorized zoom lens		
Angle of View (H)	105.3°	79.7°	
Angle of View (V)	69.5	51.8	
Angle of View (O)	136.8	98.1	
Adjustment Angle	Pan: 0°~360°	Tilt: 0°~90°	Rotate:0°~360°
Shutter	Auto/Manual, 1/6~1/100000 s		
Minimum Illumination	Colour: 0.005 Lux (F1.6, AGC ON) 0 Lux with IR		
Day/Night	IR-cut filter with auto switch (ICR)		
Digital noise reduction	2D/3D DNR		
S/N	>55 dB		
IR Range	Up to 30m (98 ft) IR range		
Defog	Digital Defog		
WDR	120dB		
Video			
Video Compression	Smart Encoding Ultra 265, H.265, H.264, MJPEG		
H.264 code profile	Baseline profile, Main Profile, High Profile		
Frame Rate	Main Stream: 5MP (2592x 1944): Max.20 fps, 5MP (2592x 1944): Max.25 fps(WDR OFF), 4MP(2560x 1440): Max. 30 fps, 3MP (2048x 1536): Max. 30 fps, 2MP(1920 x 1080): Max.30 fps; Sub Stream: 2MP (1920 x 1080): Max.30 fps; Third Stream: D1(720 x 576): Max.30 fps;		
HLC	Supported		
BLC	Supported		
9:16 Corridor Mode	Supported		
OSD	Up to 8 OSDs		
Privacy Mask	Up to 8 areas		
ROI	Up to 8 areas		
Motion Detection	Up to 4 areas		

Smart	
Behavior Detection	Intrusion, cross line, motion detection
Intrusion	Enter and loiter in a pre-defined virtual region
cross line	Cross a pre-defined virtual line
motion detection	Moving within a pre-defined virtual region
Recognition:	Face detection, Audio detection
Intelligent Identification	Defocus, Scene Change
Statistical Analysis	People counting
General Function	Watermark, IP Address Filtering, Tampering Alarm, Alarm input, Alarm output, Access Policy, ARP Protection, RTSP Authentication, User Authentication
Audio	
Audio Compression	G.711
Two-way audio	Supported
Suppression	Supported
Sampling Rate	8 KHZ
Storage	
Edge Storage	Micro SD, up to 128 GB
Network Storage	ANR
Network	
Protocols	IPv4, IGMP, ICMP, ARP, TCP, UDP, DHCP, PPPoE, RTP, RTSP, RTCP, DNS, DDNS, NTP, FTP, UPnP, HTTP, HTTPS, SMTP, 802.1x, SNMP, SSL, TLS
Compatible Integration	ONVIF (Profile S), API
Interface	
Audio I/O	2 Input: impedance 35 kΩ; amplitude 2 V *p-p]
	1 Output: impedance 600 Ω; amplitude 2 V *p-p]
Alarm I/O	1/ 1
Network	1 RJ45 10M/100M Base-TX Ethernet
General	
Power	12 V DC±25%, PoE (IEEE802.3 af)
	Power consumption: Max 5.5W
Dimensions (Ø x H)	Φ108.5 x 81 mm (Ø4.28" x 3.2")
Weight	0.45 kg (0.99 lb)
Working Environment	-35°C ~ +60°C (-31°F ~ 140°F), Humidity:10%~95% RH(non-condensing)
Ingress Protection	IP67
Vandal Resistant	IK10

## Dimensions



## Accessories

Installation mode	Accessories
ceiling mount	TR-FM200-IN
pendent mount	TR-UF45-C-IN+TR-CE45-IN
Wall mount	TR-UF45-C-IN+TR-WE45-IN(shorter bracket), TR-UF45-C-IN+TR-WE45-A-IN(longer bracket) TR-UF45-C-IN+TR-WE45-B-IN(sawn neck bracket)