

IPC642E-X22 1080P PTZ Dome IP Camera



Key Features

Optics

- Accurate focus and true color
- 3D noise reduction

Compression

- H.264 High Profile to deliver a high video compression efficiency
- Triple streams to meet the different requirements for bandwidth and frame rate
- Customized OSD to provide multiple fonts including crochet and outline fonts

Network

- NAA (Network Auto-Adaptability) technology to secure effective surveillance even with network packet loss
- Various network interfaces including Ethernet RJ45 and optical SFP
- UNP(Universal Network Passport) patented technology for NAT traversal
- Dual direct-to-iSCSI data block storage
- ONVIF Conformance

Structure

- Innovative heat dissipation design with 30% higher efficiency
- High quality sealing structure
- Waterproof and breathable vent design to protect precision components from vapor

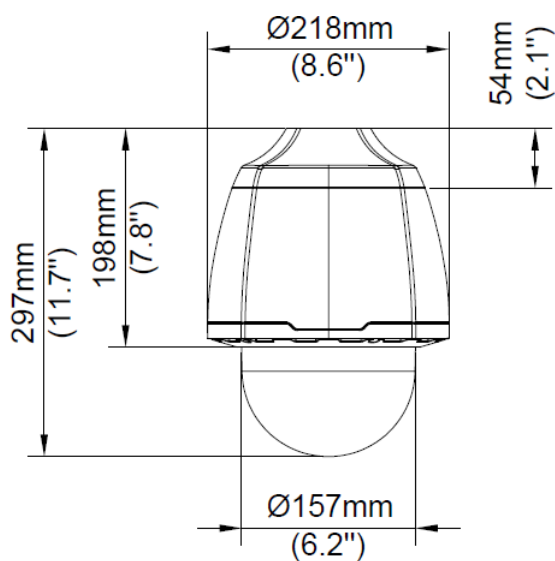
- 20° elevation angle, expanding field of vision for complicated landform
- Fast installation structure design
- Intelligent temperature control technology to ensure lower power consumption and extend the service life of camera
- 6 KV surge prevention designed for network interface

Specifications

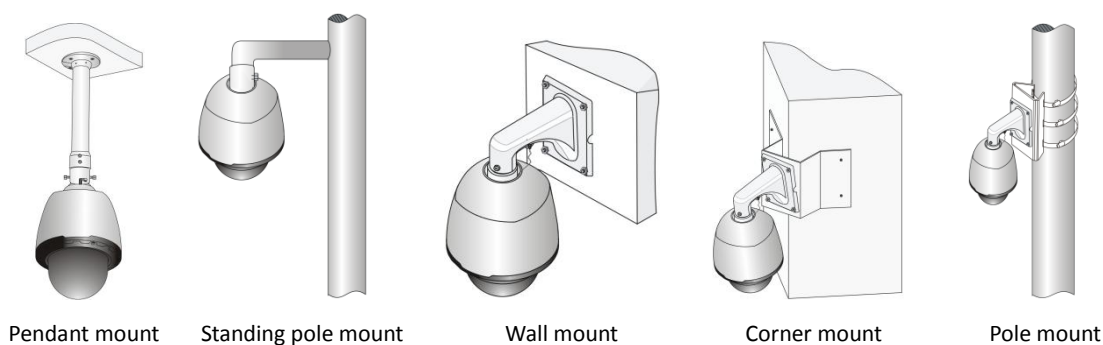
Camera	IPC642E-X22-IN		IPC642E-X22-NL-IN
Sensor	1/2.8", 2Megapixel, progressive scan, low illumination CMOS		
Lens	4.7 ~ 103.4 mm (22x optical zoom)		
Angle of View (H)	61.9° (wide) ~ 3.4° (tele)		
Aperture	Auto/Manual; F1.6 ~ F3.2		
Shutter	Auto/Manual; shutter time: 1/6 s ~ 1/10000 s		
Minimum Illumination	Color: 0.03 lux (F1.6, 50IRE) B/W: 0.01 lux (F1.6, 50IRE)		
Day/Night	IR-cut filter with auto switch (ICR)		
Video			
Maximum Resolution	1920 × 1080		
Video Compression	H.264 High Profile		
Frame Rate	1080P (1920*1080) 30 fps; 720P (1280*720) 30 fps; D1 (720*576) 25 fps		
Video Streaming	Triple, individually configurable streams		
OSD	3 Groups of OSD: Time OSD, Name OSD(up to 8), customized OSD		
Privacy Mask	Up to 8 areas		
Patrol	16 Patrol routes with 32 presets per route 4 Patrol modes with unlimited recording time		
Home Position	Support		
Audio			
Audio Compression	G.711		
Two-way Talking	Support		
Storage			
Edge Storage	SD/SDHC, Up to 32 GB		
Back-end Storage	Dual Direct-to-iSCSI data block storage		
Cache Post Recording	Support		
Structure			
Pan Range	360° (endless)		
Pan Speed	0.1°/s ~ 400°/s		
	Pan preset speed: 540°/s		
Tilt Range	−20° ~ +90° (auto reverse)		
Tilt Speed	0.1° ~ 240°/s		
	Tilt preset speed: 400°/s		
Number of Preset	256		
Interface			
Audio I/O	3.5 mm audio interface		

	Input: impedance 35 kΩ; amplitude 2 V [p-p]	
	Output: impedance 600 Ω; amplitude 2 V [p-p]	
Alarm I/O	2 Alarm inputs and 1 alarm output	
	Support for alarm-triggered actions	
Serial Port	1 RS485	
Network	1 10M/100M Base-TX Ethernet	1 100M/1000M Base-FX SFP (single-mode, FC) and 1 10M/100M/1000M Base-T Ethernet
Video Output	1 BNC, impedance 75 Ω; amplitude 1 V [p-p]	
Power Supply	24 V AC (3-pin screw connectors, including GND)	
General		
Power	18 ~ 30 V AC	
	Power consumption: 9 ~ 33 W (heater 20 W)	
Dimensions (Ø x H)	Ø218 x 298 mm (Ø8.6" x 11.7")	
Weight	4.2 kg (9.3 lb)	
Operating Conditions	-40°C ~ +70°C (-40°F ~ 158°F), Humidity ≤ 90% RH(non-condensing)	
Heater	Support for preheating and intelligent temperature control	
Ingress Protection	IP67	

Dimensions



Installation



Accessories

Installation mode	Accessories	Description
Pendant mount	AE-TR-CE45 bracket	
Standing pole mount	Customized bracket	The interface is designed with internal G1½ screws. The screw width must more than 23 mm.
Wall mount	AE-TR-WE45 bracket	
Corner mount	AE-TR-WE45 bracket and AE-TR-UC08-A bracket	
Pole mount	AE-TR-WE45 bracket and AE-TR-UP08-A bracket	

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*Product specifications and availability are subject to change without notice.