

IPC542E-D 1080P WDR Box IP Camera



Key Features

Optics

- Automatic day and night with removable IR-cut filter(ICR)
- Up to 120dB wide dynamic range
- 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
- ROI (Region of Interest) to improve image quality of the key area for a low-bandwidth network
- 9:16 corridor format to double the effective surveillance area longitudinally
- 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

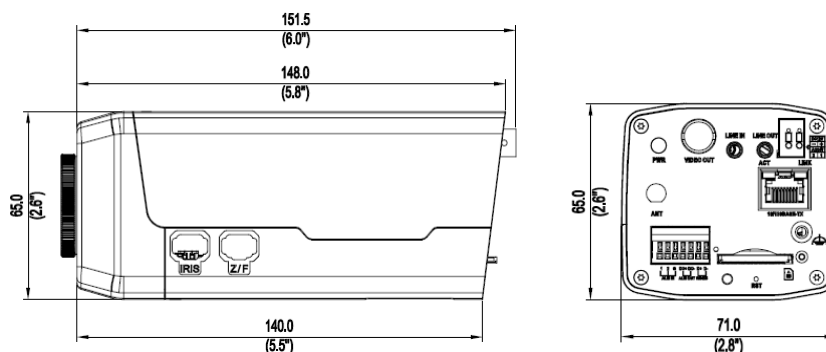
- Power supply modes of 24 V AC, 12 V DC, and PoE
- Wide temperature range: -20°C to 60°C (-4°F to 140°F)
- Wide input voltage range of $\pm 25\%$

- Hot spare of 24 V AC, 12 V DC, and PoE, to improve power supply reliability
- 6 KV surge prevention designed for network interface

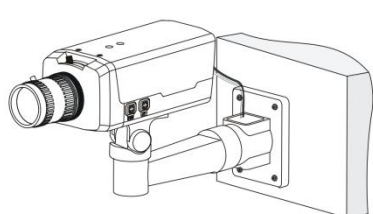
Specifications

Camera	IPC542E-D-IN		IPC542E-D-NL-IN
Sensor	1/3", 2Megapixel, progressive scan CMOS		
Day/Night	IR-cut filter with auto switch (ICR)		
Image Mirroring	Enable/Disable		
Wide Dynamic Range	120dB		
Lens Mount	C/CS		
DC-Iris	4 V DC		
Motor Zoom/focus	6 V DC		
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		
OSD	3 Groups of OSD: Time OSD , Name OSD(up to 8) , customized OSD		
Privacy Mask	Up to 8 areas		
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		
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 Base-FX SFP and 1 10M/100M Base-TX Ethernet	
Video Output	1 BNC, impedance 75 Ω; amplitude 1 V [p-p]		
Power Supply	12 V DC or 24 V AC (2-pin phoenix connectors)		
General			
Power	18 ~ 30 V AC, 9 ~ 12 V DC, or PoE (IEEE802.3 af)		
	Power consumption: 4.8 W (6.8 W in case of ICR switch)		
Dimensions (L x W x H)	152 x 71 x 65 mm (6.0" x 2.8" x 2.6") (excluding the lens)		
Weight	0.48 kg (1.1 lb)		
Operating Conditions	-20°C ~ +60°C (-4°F ~ 140°F), Humidity ≤ 90% RH(non-condensing)		

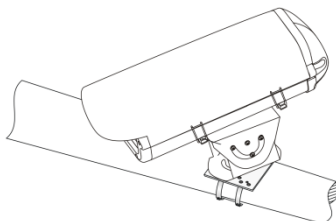
Dimensions



Installation



Bare mount



Housing mount

Accessories

Installation mode	Accessories	Description
Bare mount	AE-TR-UM06 bracket	Compatible with wall mount, pendant, or desktop mount
Housing mount	Indoor housing: AE-HS-108 Outdoor housing: AE-HS-215S, AE-HS-215SHB	Wall mount: AE-TR-WM06-A Pendant mount: AE-TR-CM-6

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