

IPC241E-IR(-Z) 720P IR Bullet IP Camera



Key Features

Optics

- Automatic day and night with removable IR-cut filter(ICR)
- Built-in motorized lens for remote zoom and autofocus
- Smart-IR technology for adaptive IR illumination, to enhance the image at night
- Optical glass window with 6% higher light transmittance
- IR anti-reflection window to increase the infrared transmittance
- 30m (98 ft) IR LED
- 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
- UNP(Universal Network Passport) patented technology for NAT traversal
- Dual direct-to-iSCSI data block storage
- ONVIF Conformance

Structure

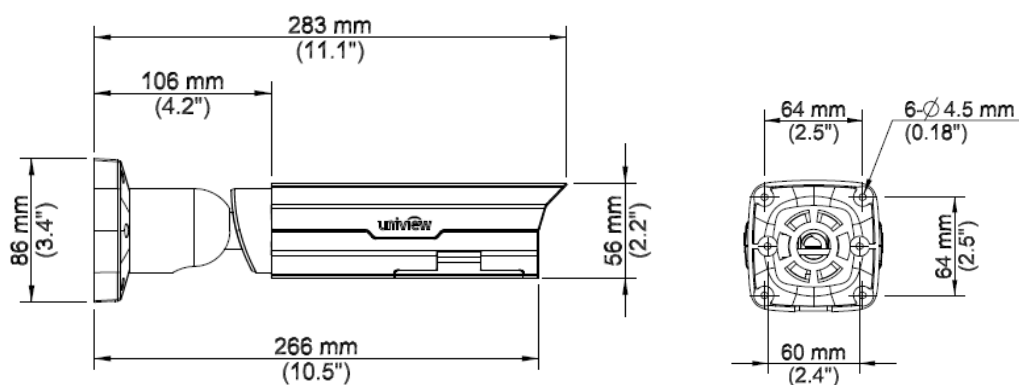
- Power supply modes of 24 V AC, 12 V DC, and PoE
- Wide temperature range: -40°C to 60°C (-40°F to 140°F)
- Wide input voltage range of $\pm 25\%$
- Hot spare of 24 V AC, 12 V DC, and PoE, to improve power supply reliability
- 6 KV surge prevention designed for network interface
- IP66-rated

Specifications

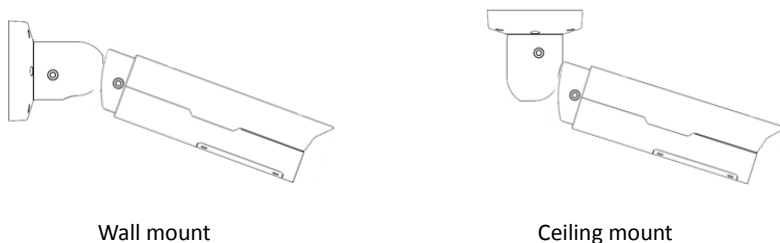
Camera	IPC241E-IR-IN		IPC241E-IR-Z-IN
Sensor	1/3", 1.3Megapixel, progressive scan, low illumination CMOS		
Lens	3 to 10.5 mm, F1.4		2.8 to 12 mm, F1.4
Zoom/Focus	Manual		Motor drive
Angle of View (H)	91.2° (wide) to 25.5° (tele)		90° (wide) to 28° (tele)
Day/Night	IR-cut filter with auto switch (ICR)		
Image Mirroring	Enable/Disable		
IR	Smart-IR ,30m (98 ft) IR range		
Video			
Maximum Resolution	1280 × 960		
Video Compression	H.264 High Profile		
Frame Rate	960P (1280*960) 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	Micro SD, 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		

Video Output	1 BNC, impedance 75 Ω; amplitude 1 V [p-p]
Power Supply	12 V DC or 24 V AC (2-pin connectors)
General	
Power	18 ~ 30 V AC, 9 ~ 12 V DC, or PoE (IEEE802.3af)
	Power consumption: 4.5 W (IR 3 W)
Dimensions (L × W × H)	283 × 90 × 86 mm (11.1" × 3.5" × 3.4")
Weight	1.2 kg (2.6 lb)
Operating Conditions	-40°C ~ +60°C (-40°F ~ 140°F), Humidity ≤ 90% RH(non-condensing)
Ingress Protection	IP66

Dimensions



Installation



Accessories

Installation mode	Accessories	Description
Wall mount	Mounting pedestal is included in the Product package	
Ceiling mount	Mounting pedestal is included in the Product package	

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