

## 4MP VF Vandal-resistant Network IR Dome Camera

IPD-3234L-28ZD



### Key Features



### Optics

- Day/night functionality
- Smart IR, up to 30 m IR distance
- IR anti-reflection window to increase the infrared transmittance
- 2D/3D DNR (Digital Noise Reduction)

### Compression

- Ultra 265, H.265, H.264, MJPEG
- Triple streams

### Smart function

- VCA Intrusion Detection Alarm
- Human Body Detection

### Network

- ONVIF Conformance

### Structure

- Wide temperature range: -40°C to 60°C

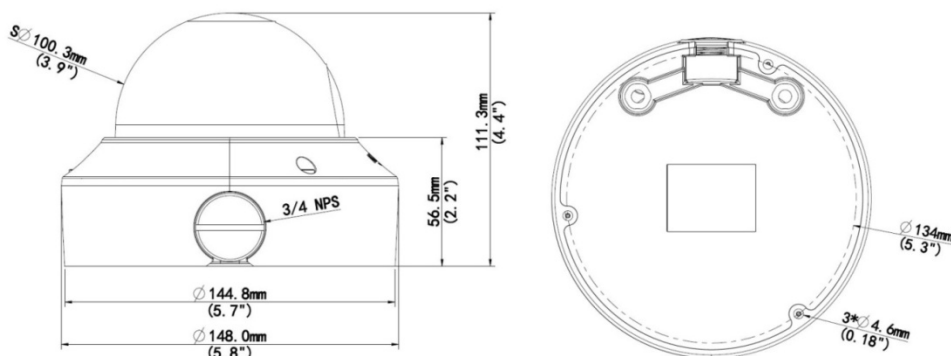
- Wide voltage range of  $\pm 25\%$
- IK10 vandal resistant
- IP67
- 3-Axis

## Specifications

IPD-3234L-28ZD					
Camera					
Sensor	1/3", 4.0 megapixel, progressive scan, CMOS				
Lens	2.8~12 mm, motorized zoom lens with auto focus				
DORI Distance	Lens	Detect(m)	Observe(m)	Recognize(m)	Identify(m)
	2.8mm	63	25.2	12.6	6.3
	12mm	270	108	54	27
Angle of View (H)	28.4°~106.9°				
Angle of View (V)	16.4°~55.3°				
Angle of View (O)	34.9°~138.9°				
Adjustment angle	Pan: 0°~360°		Tilt: 0°~80°		Rotate:0°~360°
Shutter	Auto/Manual, 1~1/100000 s				
Minimum Illumination	Colour: 0.01Lux (F1.6 AGC ON) 0 Lux with IR				
Day/Night	IR-cut filter with auto switch (ICR)				
Digital noise reduction	2D/3D DNR				
IR Range	Up to 30m IR range				
Wavelength	850nm				
IR On/Off Control	Auto/Manual				
Defog	Digital Defog				
WDR	DWDR				
Video					
Video Compression	Ultra 265, H.265, H.264, MJPEG				
H.264 code profile	Baseline profile, Main Profile, High Profile				
Frame Rate	Main Stream:4MP (2592x1520): Max. 20fps; Sub Stream:720P (1280*720): Max. 20 fps; Third Stream: D1 (704x576): Max. 20fps				
Video Bit Rate	128 kbps~16 Mbps				
OSD	Up to 4 OSDs				
Privacy Mask	Up to 4 areas				
ROI	Up to 2 areas				
Motion Detection	Up to 4 areas				
Image					
White Balance	Auto/Outdoor/Fine Tune/Sodium Lamp/Locked/Auto2				
Digital noise reduction	2D/3D DNR				
Smart IR	Support				
Flip	Normal/Vertical/Horizontal/180°				

Dewarping	Supported
HLC	Supported
BLC	Supported
<b>Smart</b>	
Behavior Detection	Intrusion detection (1 area) Human Body detection
General function	Watermark, IP Address Filtering, Tampering Alarm, Access Policy, ARP Protection, RTSP Authentication, User Authentication
<b>Storage</b>	
Edge Storage	Micro SD, up to 256 GB
Network Storage	ANR
<b>Network</b>	
Protocols	IPv4, IGMP, ICMP, ARP, TCP, UDP, DHCP, RTP, RTSP, RTCP, DNS, DDNS, NTP, FTP, UPnP, HTTP, HTTPS, SMTP, SSL, QoS
Compatible Integration	ONVIF(Profile S,Profile G), API
Client	GuarStation GuardView GuardLive
Web Browser	Plug-in required live view: IE9+, Chrome 41 and below, Firefox 52 and below
	Plug-in free live view: Chrome 57.0+, Firefox 58.0+, Edge 16+, Safari 11+
<b>Interface</b>	
Network	1 RJ45 10M/100M Base-TX Ethernet
Edge Storage	MicroSD, up to 128GB
<b>General</b>	
Power	DC12V±25%, PoE (IEEE802.3 af)
	Power consumption: Max 7W
Dimensions (Ø x H)	Φ148 x 111.3 mm
Weight	0.92kg
Material	Metal + Plastic
Working Environment	-40°C ~ +60°C, Humidity:10%~ 95% RH (non-condensing)
Storage Environment	-40°C ~ 60°C, Humidity: ≤95% RH (non-condensing)
Surge Protection	6KV
Ingress Protection	IP67
Vandal Resistant	IK10
Reset Button	Supported

## Dimensions



## Accessories

TR-JB04-C-IN



TR-JB07/WM04-B-IN



TR-WM04-IN



TR-A01-IN



TR-UP06-IN



TR-CM24-IN



Junction Mount	Pole Mount	Hanging Mount
TR-JB04-C-IN+ TR-A01-IN	TR-JB07/WM04-B-IN、 TR-WM04-IN+TR-UP06-IN	TR-CM24-IN+TR-JB04-C-IN
