DATASHEET

8MP HD Intelligent IR Fixed Eyeball Network Camera

UN-IPC3618SB-ADF28KM-I0

Key Features

- High quality image with 8MP, 1/2.7"CMOS sensor
- 8MP (3840*2160)@20fps; 5MP (3072*1728)@30/25fps; 4MP (2560*1440)@30/25fps; 2MP (1920*1080) @30/25fps
- Ultra 265, H.265, H.264, MJPEG
- Intelligent perimeter protection, include cross line, intrusion, enter area, leave area detection
- Based on target classification, smart intrusion prevention significantly reduce false alarm caused by leaves, birds and lights etc., accurately focus on human and, motor vehicle and non-motor vehicle
- 120dB true WDR technology enables clear image in strong light scene
- Support 9:16 Corridor Mode
- Built-in Mic
- Smart IR, up to 30m (98ft) IR distance
- Supports 256 G Micro SD card
- IP67 protection

Specifications

	UN-IPC3618SB-ADF28KM-I0				
Camera					
Sensor	1/2.7", 8.0 megapixel, progressive scan, CMOS				
Lens	2.8mm@F2.0		4.0mm@F2.0		
DORI Distance	Lens (mm)	Detect (m)	Observe (m)	Recognize (m)	Identify (m)
	2.8	84.0	33.6	16.8	8.4
	4.0	120.0	48.0	24.0	12.0
Angle of View (H)	112.4°		86.5°		
Angle of View (V)	60.1°		44.1°		

Angle of View (O)	146.1°	112.5°	
Adjustment angle	Pan: 3° ~ 360°	Tilt: 0° ~ 80°	Rotate: 3° ~ 360°
Shutter	Auto/Manual, 1 ~ 1/100000s		
Minimum Illumination	Colour: 0.01Lux (F2.0, AGC ON) 0Lux with IR on		
Digital Noise Reduction	2D/3D DNR		
Day/Night	IR-cut filter with auto switch (ICR)		
S/N	>56dB		
IR Range	Up to 30m (98 ft) IR range		
Wavelength	850nm		
IR On/Off Control	Auto/Manual		
Defog	Digital Defog		
WDR	120dB		
Video			
Video Compression	Ultra 265, H.265, H.264, MJPEG		
H.264 code profile	Baseline profile, Main profile, High profile		
Frame Rate	Main Stream: 8MP (3840*2160), Max 20fps; 5MP (3072*1728), Max 30fps; 4MP (2560*1440), Max 30fps; 1080P (1920*1080), Max 30fps; Sub Stream: 1080P (1920*1080), Max 30fps;720P (1280*720), Max 30fps; D1 (720*576), Max 30fps; 640*360,Max 30fps; 2CIF(704*288), Max 30fps; CIF(352*288), Max 30fps; Third Stream: D1 (720*576), Max 30fps; 640*360,Max 30fps; 2CIF(704*288), Max 30fps; CIF(352*288), Max 30fps;		
Video Bit Rate	128 Kbps~16 Mbps		
OSD	Up to 8 OSDs		
Privacy Mask	Up to 4 areas		
ROI	Up to 8 areas		
Motion Detection	Up to 4 areas		
Image			
White Balance	Auto/Outdoor/Fine Tune/Sodium Lamp/Locked/Auto2		
Smart IR	Support		
Flip	Normal/Vertical/Horizontal/180°/90°Clockwise/90°Anti-clockwise		
Dewarping	Supported		
HLC	Supported		
BLC	Supported		
Audio			
Audio Compression	G.711		
Suppression	Supported		
Sampling Rate	8KHZ		
Storage			
Edge Storage	Micro SD, up to 256GB		
Network Storage	ANR		
Intelligent			
Smart Intrusion Prevention	Line crossing detection, Intrusion detection, Leave area detection;		
Events			
Basic Detection	Motion detection, tampering alarm, audio detection		
General Function	Watermark, IP address filtering, tampering alarm, alarm input, alarm output, access policy, ARP protection, RTSP authentication, user authentication		
Network			
Protocols	IPv4, IGMP, ICMP, ARP, TCP, UDP, DHCP, PPPoE, RTP, RTSP, RTCP, DNS, DDNS, NTP, FTP, UPnP, HTTP, HTTPS, SMTP, 802.1x, SNMP, QoS		
Compatible Integration	ONVIF (Profile S, Profile G, Profile T), API		
Client	EZStation EZView EZLive		
Web Browser	Plug-in required live view: IE9+, Chrome 41 and below, Firefox 52 and below		
	Plug-in free live view: Chorme 57.0+, Firefox 58.0+, Edge 16+, Safari 11+		
Interface			
Network	1 RJ45 10M/100M Base-TX Ethernet		
Built-in Mic	Supported		

Certifications	
Certifications	CE: EN 60950-1 UL: UL60950-1 FCC: FCC Part 15
General	
Power	DC 12V±25%, PoE (IEEE 802.3af)
	Power consumption: Max 5.0W
Dimensions (L × W × H)	Φ110.5 x 94.1mm (Φ4.4” x 3.7”)
Net Weight	0.44kg (0.97lb)
Material	Metal
Working Environment	-30°C ~ 60°C (-22°F ~ 140°F), Humidity: ≤95% RH (non-condensing)
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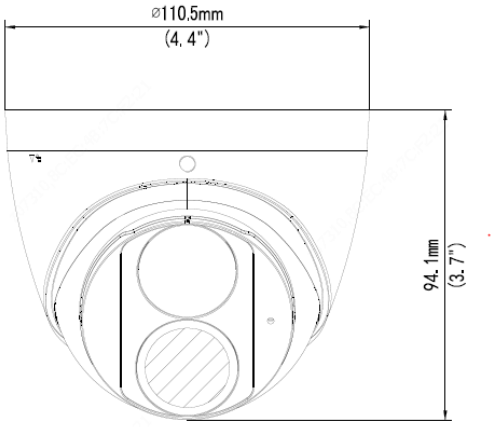
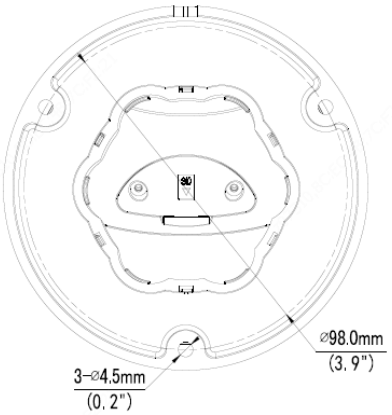
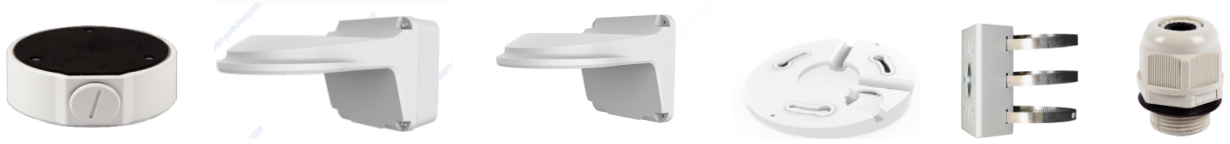
Surge Protection	2KV
Ingress Protection	IP67
Reset Button	N/A

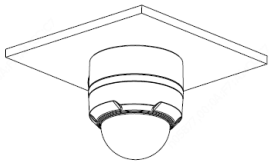
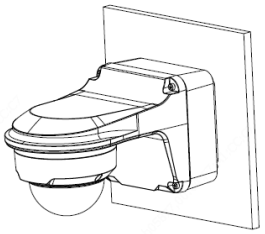
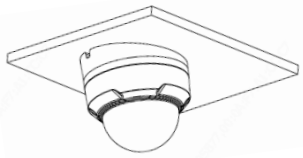
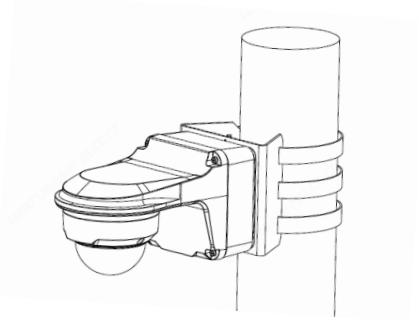
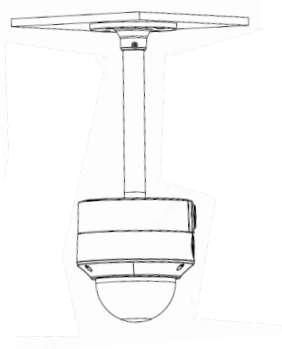
Dimensions





Accessories



Junction Mount	Pole Mount
TR-JB03-G-IN	TR-JB07/WM03-G-IN
	
TR-UM06-E-IN	TR-JB07/WM03-G-IN+TR-UP06-IN
	
TR-CM24-IN+TR-JB03-G-IN