

8MP OwlView Plus Tri-Guard Fixed Dual-light Bullet Network Camera

IPC2B18SE-ADF28(40)KMC-WP-I1



Features

- High quality image with 8MP, 1/1.8" CMOS sensor
- Features an F1.0 large-aperture lens
- 8MP (3840 × 2160)@30/25 (default) fps; 5MP (3072 × 1728)@30/25 fps; 4MP (2560 × 1440)@30/25 fps; 2MP (1920 × 1080)@30/25 fps
- Ultra 265, H.265, H.264, MJPEG
- Colorhunter with Wise ISP technology ensures 24 hour full color images
- Intelligent perimeter protection, include cross line, intrusion, enter area, leave area detection
- Intelligent Intrusion Prevention System based on target classification significantly reduces false alarms caused by leaves, birds, and lighting, accurately focusing on humans, vehicles, and non motorized vehicles
- Intelligent People Flow Counting and Crowd Density Monitoring
- Smart intrusion prevention with Color retrieval
- Auto Scene Match (ASM)
- 130 dB true WDR technology enables clear image in strong light scene
- Support 9:16 Corridor Mode
- Alarm: 1 in/1 out, Audio: 1 in/1 out
- Built-in speaker and dual mics
- Smart IR, up to 40 m (131 ft) IR distance
- White Light, up to 40 m (131 ft) warm light distance
- Supports up to 512 GB Micro SD Card

- IK10 vandal resistant
- Supports NEMA 4X and IP67 Protection

Specifications

Model	IPC2B18SE-ADF28KMC-WP-I1		IPC2B18SE-ADF40KMC-WP-I1	
Camera				
Max Resolution	8 MP			
Sensor	1/1.8" CMOS			
Min. Illumination	Colour: 0.0005 lux (F1.0, AGC ON)			
Day/Night	IR-cut filter with auto switch (ICR)			
Shutter	Auto/Manual, 1 to 1/100000 s			
Adjustment Angle	Pan: 0° to 360°, Tilt: 0° to 90°, Rotate: 0° to 360°			
S/N	> 56 dB			
WDR	130 dB			
Lens				
Focal Length	2.8 mm	4.0 mm		
Iris Type	Fixed			
Iris	F1.0			
Field of View (H)	108.1°	94.8°		
Field of View (V)	59.5°	52.1°		
Field of View (D)	130.2°	112.2°		
Lens Type	Fixed			
DORI				
DORI Distance (Lens)	2.8 mm	4.0 mm		
DORI Distance (Detect)	63.0 m (206.7 ft)	90.0 m (295.3 ft)		
DORI Distance (Observe)	25.2 m (82.7 ft)	36.0 m (118.1 ft)		
DORI Distance (Recognize)	12.6 m (41.3 ft)	18.0 m (59.1 ft)		
DORI Distance (Identify)	6.3 m (20.7 ft)	9.0 m (29.5 ft)		
Illuminator				
Supplemental Light	Dual light			
Illumination Distance (IR)	40 m (131.2 ft)			
Illumination Distance (Warm Light)	40 m (131.2 ft)			
IR On/Off Control	Auto/Manual			

Wavelength	850 nm
Light On/Off Control	Auto/Manual
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 30 fps; 5MP (3072 × 1728), Max 30 fps; 4MP (2560 × 1440), Max 30 fps; 1080P (1920 × 1080), Max 30 fps; 720P (1280 × 720), Max 30 fps;
Frame Rate-Sub Stream	1080P (1920 × 1080), Max 30 fps; ; 720P (1280 × 720), Max 30 fps; D1 (720 × 576), Max 30 fps; 640 × 360, Max 30 fps; 2CIF (704 × 288), Max 30 fps; CIF (352 × 288), Max 30 fps;
Frame Rate-Third Stream	D1 (720 × 576), Max 30 fps; 640 × 360, Max 30 fps; 2CIF (704 × 288), Max 30 fps; CIF (352 × 288), Max 30 fps;
Video Bit Rate	128 Kbps to 16 Mbps
U-code	Support
OSD	Up to 8 OSDs
Privacy Mask	Up to 4 areas
ROI	Support
Video Stream	Triple streams
Image	
White Balance	Auto, Outdoor, Fine tune, Sodium lamp, Locked, Auto2
Digital Noise Reduction	2D/3D DNR
Smart Illumination	Support
Auto Scene Match (ASM)	Support
Flip	Normal, Flip vertical, Flip horizontal, 180°, 90° Clockwise, 90° Anti-clockwise
Dewarping	N/A
HLC	Support
BLC	Support
Defog	Digital defog
Intelligent	
Smart Intrusion Prevention	Cross line detection, intrusion detection, enter area detection, leave area detection (support false alarm filtering and the classification of human, non-motor vehicle and vehicle)
Statistical Analysis	N/A
People Counting	Support people flow counting and crowd density monitoring
Attribute Collection	SIP with color retrieval
Events	
Basic Detection	Motion detection, Ultra motion detection, Tampering alarm, Audio detection, Object removed, Object Left Behind
General Function	Watermark, IP address filtering, Access policy, ARP protection, RTSP authentication, User authentication, HTTP authentication, Alarm input, Alarm output

Audio

Audio Compression	G.711U, G.711A
Audio Bitrate	64 Kbps
Two-way Audio	Support
Suppression	Support
Sampling Rate	8 kHz

Storage

Edge Storage	Micro SD, up to 512 GB
Network Storage	ANR, NAS (NFS)

Network

Protocols	IPv4, IPv6, IGMP, ICMP, ARP, TCP, UDP, DHCP, PPPoE, RTP, RTSP, RTCP, RTMP, DNS, DDNS, NTP, UPnP, HTTP, HTTPS, SMTP, 802.1x, SNMP, QoS, SSL/TLS, SSH
Compatible Integration	ONVIF (Profile S, Profile G, Profile T, Profile M), API, SDK
User/Host	Up to 32 users. 3 user levels: administrator, common user and operator
Client	UNV-Link, UNV-Link Pro, EZStation
Web Browser	Plug-in required live view: IE 10+, Chrome 45+, Firefox 52+, Edge 79+, Plug-in free live view: Chrome 57+, Firefox 58+, Edge 16+

Interface

Audio I/O	1 Input: impedance 35 k Ω , amplitude 2 V [p-p], 1 Output: impedance 600 Ω , amplitude 2 V [p-p]
Alarm I/O	1/1
Serial Port	N/A
Built-in Mic	Built-in two mics
Built-in Speaker	Support
WIFI	N/A
Network	1 $\times$ RJ45 10 M/100 M Base-TX Ethernet
Video Output	N/A

Certification

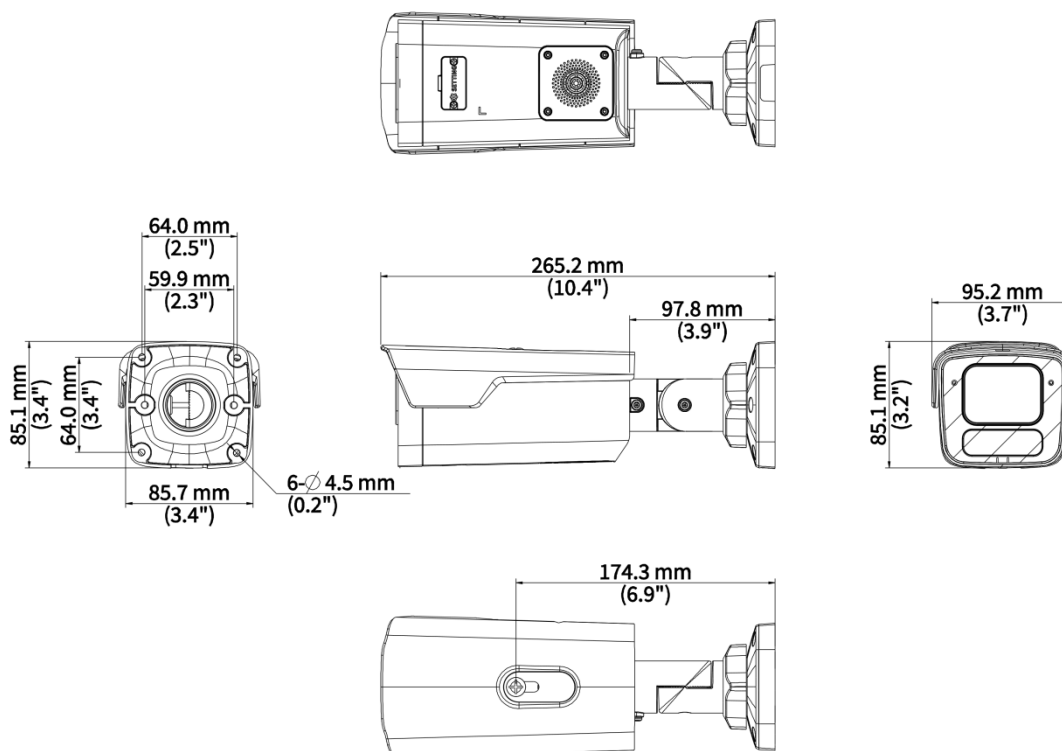
EMC	CE-EMC (EN 55032, EN 61000-3-3, EN IEC 61000-3-2, EN 50130-4) FCC (FCC 47 CFR part15 B)
Safety	CE-LVD (EN 62368-1) UL/CUL (UL 62368-1, CAN/CSA C22.2 No. 62368-1)
Environment	CE-RoHS (2011/65/EU ; (EU) 2015/863) ; WEEE (2012/19/EU)
Protection	IP67 (IEC 60529) IK10 (IEC 62262) NEMA 4X

General

Power	DC 12 V $\pm$ 25%, PoE (IEEE 802.3af)
Power Consumption	Max 6.5 W
Power Interface	$\varnothing$ 5.5 mm coaxial power plug

Dimensions	265.2 × 95.2 × 85.1 mm (10.4" × 3.7" × 3.2") (L × W × H)
Weight	1.17 kg (2.57 lb)
Material	Metal + Plastic
Working Environment	-30 °C to 60 °C (-22 °F to 140 °F), Humidity: ≤ 95% RH (non-condensing)
Storage Environment	-30 °C to 60 °C (-22 °F to 140 °F), Humidity: ≤ 95% RH (non-condensing)
Surge Protection	4 KV
Reset Button	Support
Web Client Language	20 Languages: Traditional Chinese, English, Simplified Chinese, Polish, German, Russian, French, Korean, Dutch, Czech, Portuguese (Europe), Portuguese (Brazil), Japanese, Thai, Turkish, Spanish (Latin America), Spanish (Europe), Hungarian, Italian, Vietnamese

Dimensions



Accessories

TR-JB07-D-IN-V2

Bullet Junction Box(Support wiring from behind)



TR-JB06-A-IN

Middle Bullet Junction Box(Elegant White)



TR-UP06-B-IN

Bullet Pole Mounting Bracket



TR-A01-IN

NPT 3/4" Waterproof Cable Gland



TR-UP06-C-IN

Pole Mounting Bracket for Bullet Junction Box Only



TR-UC08-C-V2

Bullet&Dome Corner Mounting Bracket



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