

8MP Lighthunter Intelligent Fixed IR Bullet Network Camera

IPC2B18SS-ADF28(40)K-I1



Features

- High quality image with 8MP, 1/2.8" CMOS sensor
- 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
- 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) (Only WDR)
- LightHunter technology ensures ultra-high image quality in low illumination environment
- 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 Mic
- Smart IR, up to 80 m (262 ft) IR distance
- Supports up to 512 GB Micro SD Card
- IP67 protection

Specifications

| | | | |
|----------------------------|--|-----------------|---------------------|
| Model | IPC2B18SS-ADF28K-I1 | | IPC2B18SS-ADF40K-I1 |
| Camera | | | |
| Max Resolution | 8 MP | | |
| Sensor | 1/2.8" CMOS | | |
| Min. Illumination | Colour: 0.002 lux (F1.6, AGC ON) 0 lux with IR on | | |
| Day/Night | IR-cut filter with auto switch (ICR) | | |
| Shutter | Auto/Manual, 1 ~ 1/100000s | | |
| Adjustment Angle | Pan: 0° ~ 360°, Tilt: 0° ~ 90°, Rotate: 0° ~ 360° | | |
| S/N | >56 dB | | |
| WDR | 130 dB | | |
| Lens | | | |
| Focal Length | 2.8 mm | 4.0 mm | |
| Iris Type | Fixed | | |
| Iris | F1.6 | | |
| Field of View (H) | 97.49° | 88.35° | |
| Field of View (V) | 52.31° | 49.61° | |
| Field of View (D) | 102.29° | 94.19° | |
| Lens Type | Fixed | | |
| DORI | | | |
| DORI Distance (Lens) | 2.8mm | 4.0mm | |
| DORI Distance (Detect) | 86.9m(285.1ft) | 124.1m(407.3ft) | |
| DORI Distance (Observe) | 34.8m(114.0ft) | 49.7m(162.9ft) | |
| DORI Distance (Recognize) | 17.4m(57.0ft) | 24.8m(81.5ft) | |
| DORI Distance (Identify) | 8.7m(28.5ft) | 12.4m(40.7ft) | |
| Illuminator | | | |
| Illumination Distance (IR) | 80 m (262 ft) | | |
| IR On/Off Control | Auto/Manual | | |
| Wavelength | 850 nm | | |
| Video | | | |
| Video Compression | Ultra 265, H.265, H.264, MJPEG | | |
| H.264 Code Profile | Baseline profile, Main profile, High profile | | |

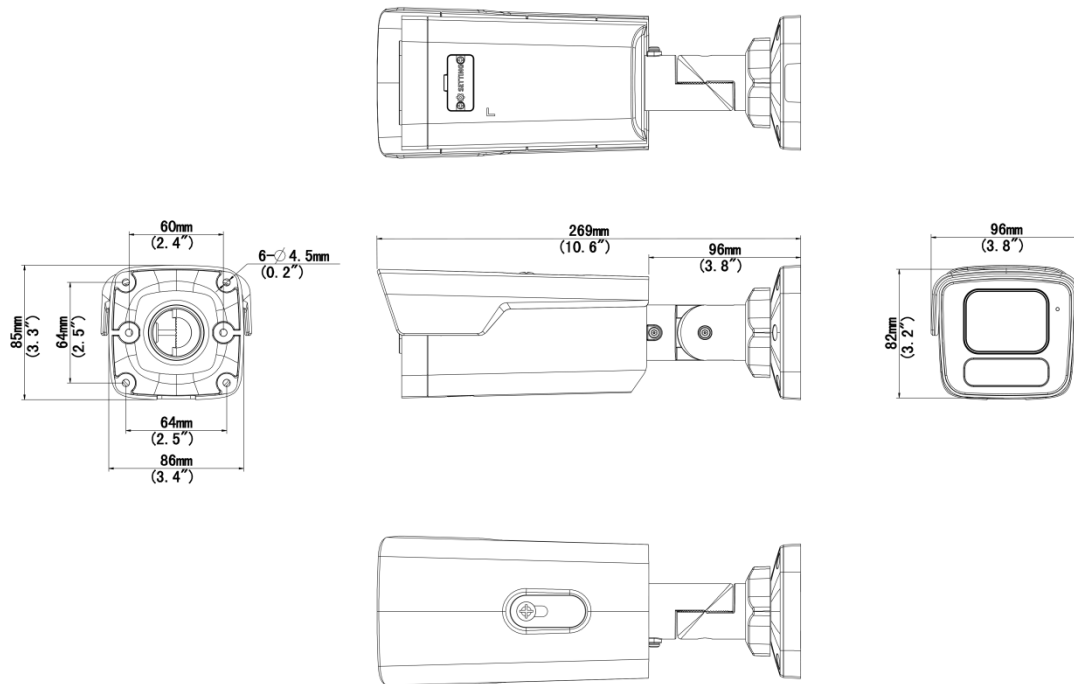
| | |
|----------------------------|--|
| Frame Rate | Main Stream: 8MP (3840*2160), Max 30fps; 5MP (3072*1728), Max 30fps; 4MP (2560*1440), Max 30fps; 1080P (1920*1080), Max 30fps; Sub Stream: 720P (1280*720), Max 30fps; D1 (720*576), Max 30fps; 640*360, Max 30fps; 2CIF(704*288), Max 30fps; CIF(352*288), 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 to 16 Mbps |
| U-code | Support |
| OSD | Up to 8 OSDs |
| Privacy Mask | Up to 4 areas |
| ROI | Support |
| Video Stream | Triple streams |
| Image | |
| Auto Scene Match (ASM) | Support (only WDR) |
| White Balance | Auto, Outdoor, Fine tune, Sodium lamp, Locked, Auto2 |
| Digital Noise Reduction | 2D/3D DNR |
| Smart IR | 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, FTP, UPnP, HTTP, HTTPS, SMTP, 802.1x, SNMP, QoS, SSL/TLS, SSH |
| Compatible Integration | ONVIF (Profile S, Profile G, Profile T), API, SDK |
| User/Host | Up to 32 users. 3 user levels: administrator, common user and operator |
| Security | Password Protection, Strong Password, HTTPS Encryption, Export Operation Logs, Basic and Digest Authentication for RTSP, Digest Authentication for HTTP, TLS 1.2, WSSE and Digest Authentication for ONVIF |
| 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 kΩ, 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 | Support |
| Built-in Speaker | N/A |
| WIFI | N/A |
| Network | 1 × 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) 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) |
| General | |
| Power | DC 12V±25%, PoE (IEEE 802.3af) |
| Power Consumption | Max 10.5W |
| Power Interface | Ø5.5 mm coaxial power plug |
| Dimensions | 269 × 96 × 82mm (10.6" × 3.8" × 3.2") (L x W x H) |
| Weight | 0.86kg (1.91lb) |
| 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

Bullet Junction Box(Support wiring from behind)



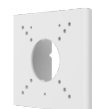
TR-JB06-A-IN

Middle Bullet Junction Box(Elegant White)



TR-UP06-B-IN

Bullet Pole Mounting Bracket



TR-UP06-C-IN

Pole Mounting Bracket for Bullet Junction
Box Only



TR-A01-IN

NPT 3/4" Waterproof Cable Gland



TR-UC08-C

Bullet&Dome Corner Mounting Bracket



Zhejiang Uniview Technologies Co., Ltd.

No. 369, Xietong Road, Xixing Sub-district, Binjiang District, Hangzhou City, 310051, Zhejiang Province, China

Email: overseasbusiness@uniview.com; globalsupport@uniview.com

<http://www.uniview.com>

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