

5MP HD Wide Angle Intelligent IR Fixed Bullet Network Camera

IPC2105SB-ADF16KM-I0



Features

- High quality image with 5MP, 1/2.7"CMOS sensor
- 5MP (2880*1620)@30/25fps; 4MP (2560*1440)@30/25fps; 3MP(2304*1296) @30/25fps; 2MP (1920*1080) @30/25fps
- Wide Angle technology realize the horizontal viewing angle of 180°
- The dewarp level can be configured in the range of 1-9
- Ultra 265,H.264,H.265, MJPEG
- Smart intrusion prevention, 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
- Built-in Mic
- Smart IR, up to 20m (66ft) IR distance
- Supports 512 GB Micro SD card
- DC12V or PoE(IEEE 802.3af) power supply
- IP67 protection

- 3-Axis

Specifications

| | |
|----------------------------|---|
| Model | IPC2105SB-ADF16KM-I0 |
| Camera | |
| Max Resolution | 5 MP |
| Sensor | 1/2.7" CMOS |
| Min. Illumination | Colour: 0.01 lux (F2.0, 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 | >52 dB |
| WDR | 120 dB |
| Lens | |
| Focal Length | 1.68 mm |
| Iris Type | Fixed |
| Iris | F2.0 |
| Field of View (H) | 180° |
| Field of View (V) | 100° |
| Field of View (D) | 180° |
| DORI | |
| DORI Distance (Lens) | 1.68mm |
| DORI Distance (Detect) | 37.8(124.0ft) |
| DORI Distance (Observe) | 15.1(49.6ft) |
| DORI Distance (Recognize) | 7.6(24.8ft) |
| DORI Distance (Identify) | 3.8(12.4ft) |
| Illuminator | |
| Supplemental Light | IR |
| Illumination Distance (IR) | 20 m (65.6 ft) |
| IR On/Off Control | Auto/Manual |

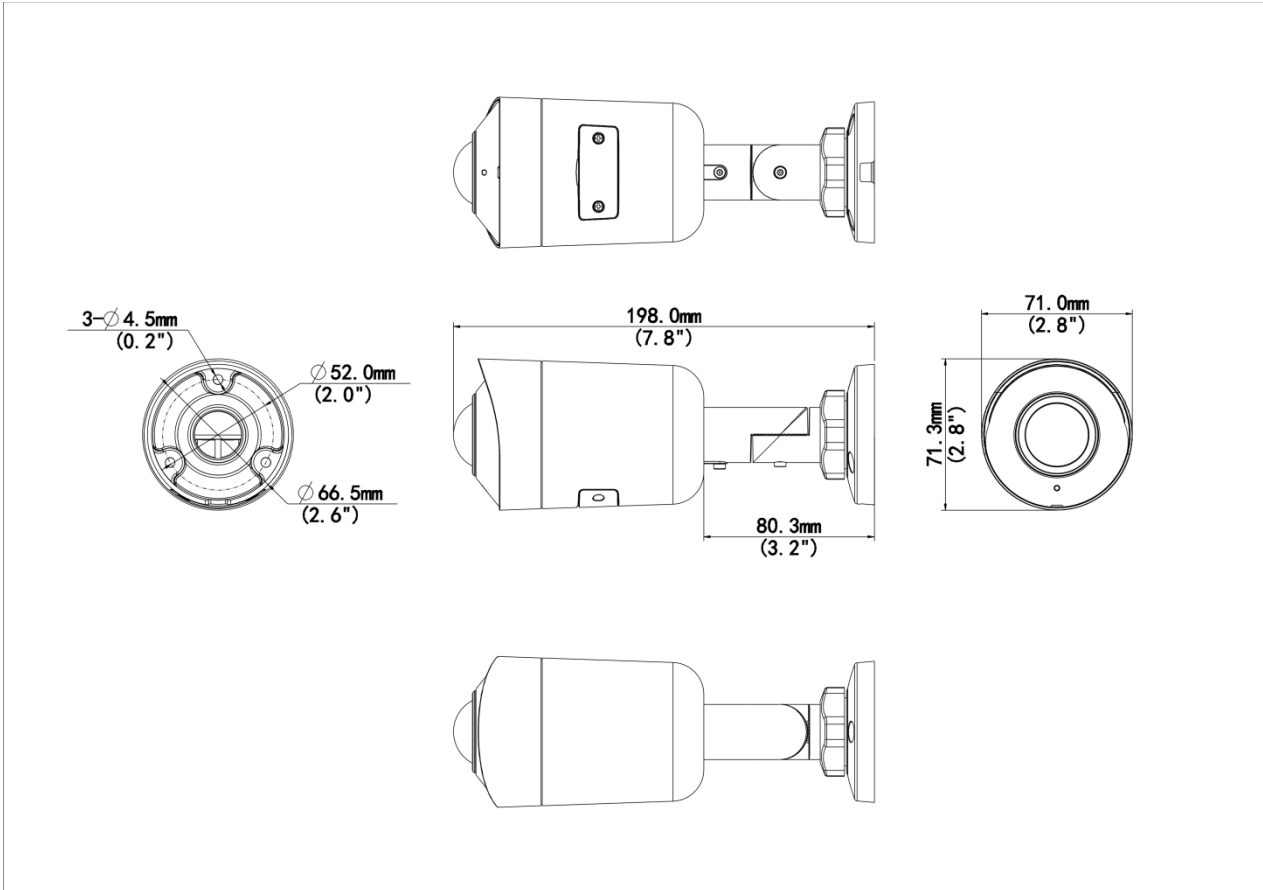
| | |
|----------------------------------|---|
| Wavelength | 850 nm |
| Video | |
| Video Compression | Ultra 265, H.265, H.264, MJPEG |
| H.264 Code Profile | Baseline profile, Main profile, High profile |
| Frame Rate | Main Stream: 5MP (2880*1620), Max 30fps; 4MP (2560*1440), Max 30fps; 3MP (2304*1296), Max 30fps; 1080P (1920*1080), Max 30fps; 1280*720 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 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 |
| Smart IR | Support |
| Digital Noise Reduction | 2D/3D DNR |
| Flip | Normal, Flip Vertical, Flip Horizontal, 180° |
| Dewarping | Support |
| HLC | Support |
| BLC | Support |
| Defog | Digital Defog |
| Image Stabilization | N/A |
| Low Illumination Characteristics | Low-light |
| 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) |
| Events | |

| | |
|------------------------|--|
| Basic Detection | Motion Detection, Ultra Motion Detection, Tampering Alarm, Audio Detection |
| General Function | Watermark, IP Address Filtering, Access Policy, ARP Protection, RTSP Authentication, User Authentication, HTTP Authentication |
| Audio | |
| Audio Compression | G.711U, G.711A |
| Audio Bitrate | 64 Kbps |
| Two-way Audio | N/A |
| 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, ARP, TCP, UDP, DHCP, PPPoE, RTP, RTSP, RTCP, RTMP, DNS, DDNS, NTP, FTP, HTTP, HTTPS, SMTP, 802.1x, SNMP, QoS |
| 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 |
| 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 | N/A |
| Alarm I/O | N/A |
| 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 55035) FCC (FCC 47 CFR part15 B) |
| Safety | CE LVD (EN 62368-1) CB (IEC 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 5.5W |
| Power Interface | Ø5.5 mm coaxial power plug |
| Dimensions | 198× 71 × 71mm (7.8" × 2.8" × 2.8") (L x W x H) |
| Weight | 0.42kg (0.93lb) |
| Material | Metal |
| 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

Aggregate product size diagram using "main model" as an example



Accessories

TR-JB05-B-IN

Small Bullet Junction Box(Elegant White)



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



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