

4MP, TRUE DAY/NIGHT, WDR, IR BULLET



IPB4U212MXV

- > Fully Adheres to National Defense Authorization Act (NDAA) Guidelines
- > Exceptional Video Quality with 4MP, 2560 x 1440 Resolution
- > Super-Efficient H.265 Video Compression for Drastically Reduced Bandwidth and Storage Requirements
- > Powerful, Smart IR LED Lights for 0Lux Night Time Operation up to 164 Feet
- > 2.8 ~ 12mm motorized varifocal, automatic focus lens
- > TRUE Day/Night and WDR functionality for all Lighting Conditions
- > Backlight Compensation and 3D DNR (Digital Noise Reduction)
- > Triple Video Streams; ONVIF Profile S Compliant
- > Powerful Video Analytics such as Intrusion, Tampering, Audio and Human Body Detection
- > PoE & 12VDC Power Options
- > Built-in Micro-SD Card Slot enables local storage up to 512GB
- > IP67 Weather Resistant Housing
- > Supported by uniview tec Guard Station Software and Guard Viewer Mobile App's for iPhone and Android Devices

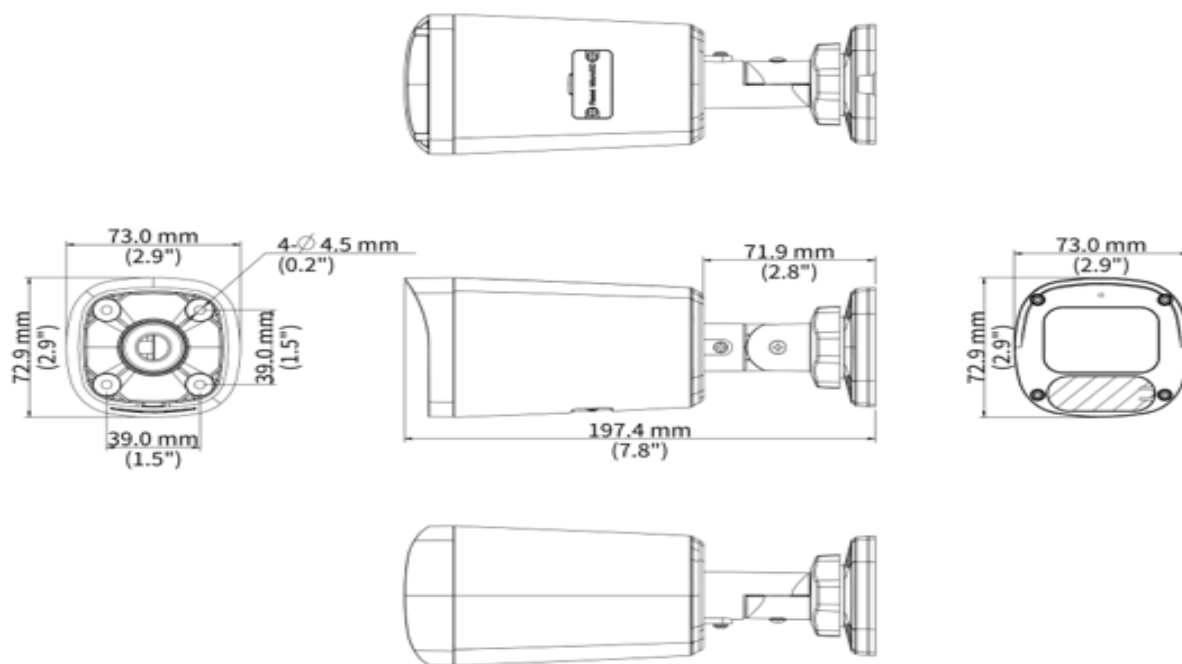
Specifications

Camera	Description
Sensor	1/2.7" CMOS
Min. Illumination	Color: 0.005Lux (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	>52dB
WDR	120dB
Lens	Description
Focal Length	2.8 ~ 12 mm
Iris	F1.6
Field of View (H)	107.6° to 37.2°
Field of View (V)	57.8° to 21.3°
Field of View (D)	128.3° to 42.9°
DORI	Description
DORI Distance (Lens)	2.8mm, 12mm
DORI Distance (Detect)	42.0 m to 180.0 m (137.8 ft. to 590.6 ft)
DORI Distance (Observe)	21.0 m to 90.0 m (68.9 ft. to 295.3ft)
DORI Distance (Recognize)	10.1 m to 43.2 m (33.1 ft. to 141.7 ft)
DORI Distance (Identify)	6.3 m to 27.0 m (20.7 ft. to 88.6 ft.)
Illuminator	Description
Supplemental Light	IR
Illumination Distance (IR)	50 m (164.0 ft)
Wavelength	850 nm
IR On/Off Control	Auto/Manual
Video	Description
Video Compression	H.265; H.264
H.264 Code Profile	Baseline profile, Main profile, High profile
Frame Rate	Main Stream: 4 MP (2560 × 1440), max. 25 fps; 3 MP (2304 × 1296), max. 30 fps; 1080P (1920 × 1080), max. 30 fps; 720P (1280 × 720), max. 30 fps; Sub 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 ~ 6144 Kbps
U-code	Support
OSD	Up to 4 OSDs
Privacy Mask	Up to 4 areas
ROI	Up to 8 areas
Video Stream	Dual Streams

Image	Description
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
Events	Description
Basic Detection	Motion detection, Ultra motion detection (human/ vehicle detection) , Tampering alarm, Audio detection, Cross line (based on human and vehicle detection), Intrusion (based on human and vehicle detection)
General Function	Watermark; IP Address Filtering; Access Policy; ARP Protection; RTSP Authentication; User Authentication; HTTP Authentication
Storage	Description
Edge Storage	Micro SD, up to 512 GB
Network Storage	ANR; NAS (NFS)
Audio	Description
Audio Compression	G.711U; G.711A, AAC-LC
Audio Bitrate	64 Kbps
Two-way Audio	N/A
Suppression	Support
Sampling Rate	G.711U/G.711A: 8 kHz, AAC-LC: 8 kHz, 16 kHz, 48 kHz
Network	Description
Protocols	IPv4; IPv6; IGMP; ICMP; ARP; TCP; UDP; DHCP; RTP; RTSP; RTCP; RTMP; DNS; DDNS; NTP; FTP; UPnP; HTTP; HTTPS; SMTP; SSL/TLS; QoS; SNMP
Compatible Integration	ONVIF (Profile S, Profile G, Profile T); API
User/Host	Up to 32 users. 3 user levels: administrator, common user and operator
Client	Guard Live, Guard Viewer, Guard Station
Web Browser	Plug-in required live view: IE 10 and above, Chrome 45 and above, Firefox 52 and above, Edge 79 and above; Plug-in free live view: Chrome 57.0 and above, Firefox 58.0 and above, Edge 16 and above
Interface	Description
Audio I/O	N/A
Alarm I/O	N/A
Built-in Mic	Support
Built-in Speaker	N/A
WIFI	N/A
Network	1 x RJ45 10M/100M Base-TX Ethernet

Video Output	N/A
Certification	Description
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)
Environment	CE-RoHS (2011/65/EU;(EU)2015/863); WEEE (2012/19/EU);
Protection	IP67 (IEC 60529)
General	Description
Power	DC 12V±25%, PoE (IEEE 802.3af) Power consumption: Max 7.5W
Power Interface	Ø 5.5 mm coaxial power plug
Dimensions	197.4 mm × 73.0 mm × 72.9 mm (7.8" × 2.9" × 2.9") (L × W × H)
Weight	0.51kg (1.12lb)
Environment	-30 °C ~ 60 °C (-22 °F ~ 140 °F), Humidity: ≤95% RH (non-condensing)
Surge Protection	4KV
Reset Button	Support

Dimensions



Accessories

TR-JB05-A-IN

TR-A01-IN

TR-UP06-B-IN

TR-UP06-C-IN-V2

TR-UC08-C-V2