4K, COLOR HUNTER, WIDE ANGLE 180° VIEW BULLET

Dual Lens Bullet

IPBP4K180X

> Fully Adheres to National Defense Authorization Act (NDAA) Guidelines

> Exceptional Video Quality with 4K (8MP), 5120 x 1440 Resolution

> Super-Efficient H.265 Video Compression for Drastically Reduced Bandwidth and Storage Requirements

> Color Hunter technology with White LED's ensures 24-hour full-color images up to 98 feet

> Dual 4mm fixed lens splicing technology provides 180° wide angle viewing

> TRUE Day/Night and WDR functionality for all Lighting Conditions

> Dual Video Streams; Backlight Compensation, 3D DNR, ONVIF Profile S Compliant

> Two-way Audio with Built-in Speaker and Dual Microphones

> Built-in Micro-SD Card Slot enables local storage up to 512GB

> Intelligent Intrusion Prevention Analytics that significantly reduce false alarms, accurately focusing on humans and motor vehicles; also features People Flow & Crowd Density Monitoring

> 3-Way Axis, IP67 Weather Resistant Housing; PoE & 12VDC Power Options

> Supported by uniview tec Guard Station Software and Guard Viewer Mobile App's for iPhone and Android Device
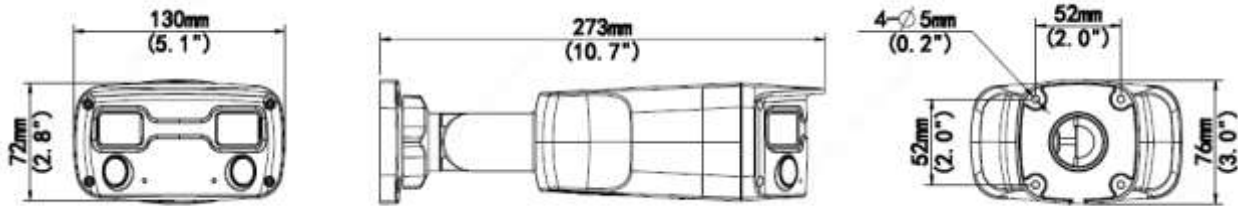
Specifications

Camera	
Sensor	1/2.7"CMOS
Minimum illumination	Color: 0.0005 lux (F1.0, AGC ON)
Shutter	Auto / Manual, 1 ~ 1/100000s
Adjustment angle (3-way Axis)	Pan: 0° ~ 360°; Tilt: 0° ~ 90°; Rotate: 0° ~ 360°
WDR	130dB
S/N	>52dB

Lens	
Lens	2 x 4mm fixed
Iris	F1.0
Field of View (H)	180° ±10°
Field of View (V)	47.41°
Field of View (O)	180.13° ±10°

DORI				
DORI Distance	Detect	Observe	Recognize	Identify
	90m (259.3ft)	36m (118.1ft)	18m (59.1ft)	9m (29.5ft)

Illuminator	
Warm Light Illumination Distance	Up to 30m (98ft) IR range
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 (5120 x 1440), Max 20fps Sub Stream: 2560 x 720, Max 20fps
Video Bit Rate	128 Kbps~16 Mbps
U-code	Supported
OSD	Up to 8 OSDs
Privacy Mask	Up to 4 areas
ROI	Up to 8 areas
Video Stream	Dual streams

Image	
White Balance	Auto / Outdoor / Fine Tune / Sodium Lamp / Locked / Auto2
Digital Noise Reduction	2D / 3D DNR
Smart Illumination	Supported
HLC	Supported

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BLC	Supported
Defog	Digital Defog
Auto Scene Match (ASM)	Support (Only WDR)

Intelligent Analytics

Smart intrusion prevention	Cross Line detection, Intrusion detection, Enter Area detection, Leave Area detection, Color Retrieval
Statistical Analysis	Support people flow counting and crowd density monitoring

Events

Basic Detection	Motion detection, Ultra motion detection, Tampering alarm, Audio detection
General Function	Watermark; IP Address Filtering; Alarm input; Alarm output; Access Policy; ARP Protection; RTSP Authentication; User Authentication; HTTP Authentication

Audio

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

Storage

Edge Storage	Micro SD, up to 512GB
Network Storage	ANR

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
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	Guard Station, Guard Viewer
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

Audio I/O	1 Input: impedance 35kΩ; amplitude 2V [p-p]; 1 Output: impedance 600Ω; amplitude 2V [p-p]
Alarm I/O	1/1
Built-in Microphone	2 x Built-in microphones
Built-in Speaker	Support
Network	1 * RJ45 10M/100M Base-TX Ethernet

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Conformity Certifications	
EMC	CE-EMC (EN 55032: 2015+A1:2020,EN 61000-3-3: 2013+A1: 2019,EN IEC 61000-3-2: 2019+A1: 2021,EN 55035: 2017+A11:2020); FCC (FCC CFR 47 part15 B, ANSI C63.4-2014); FCC (FCC CFR 47 part15 B, ANSI C63.4-2014)
Safety	CE LVD (EN 62368-1:2014+A11:2017); CB (IEC 62368-1:2014); UL (UL 62368-1, 2nd Ed., Issue Date: 2014-12-01)
Environment	CE-RoHS (2011/65/EU;(EU)2015/863); WEEE (2012/19/EU); Reach (Regulation (EC) No 1907/2006)
Protection	IP67 (IEC 60529:1989+AMD1:1999+AMD2:2013); IK10 (IEC 62262:2002)
General	
Power	DC 12V ±25%, PoE (IEEE 802.3af); Power consumption: Max 13W
Power Interface	Ø 5.5mm coaxial power plug
Dimensions (Ø × H)	273 × 130 × 76mm (10.7 × 5.1 × 3.0")
Weight	0.96kg (2.12lb)
Working Environment	-30°C ~ 60°C (-22°F ~ 140°F), Humidity: ≤95% RH (non-condensing)
Surge Protection	4KV
Reset Button	Support

Dimensions

Accessories

See Camera Accessories Guide