

## **8MP, COLORHUNTER+, WDR, AI, BULLET**



*Fixed Lens Bullet*

### **IPB4KWI28AIX**

- > Fully Adheres to National Defense Authorization Act (NDAA) Guidelines
- > ColorHunter+ technology ensures ultra-high color image up to 0.0003 Lux (F1.0, AGC ON)
- > Exceptional Video Quality with 8MP, 3840 x 2160 Resolution
- > H.265 Video Compression for Drastically Reduced Bandwidth and Storage Requirements
- > Powerful White Light Operation up to 131 Feet
- > 2.8mm Fixed Lens; ONVIF Profile S, T, G, M Compliant
- > Exceptional Night Time Color Image and WDR functionality including Wise-ISP
- > Triple Video Streams, Built-in mic, Smart Illumination, Digital Defog and 3D DNR
- > Alarm and Audio Inputs/Outputs
- > Intelligent, smart intrusion prevention technology for significantly reduced false alarms when focusing on humans and motor vehicles
- > PoE & 12VDC Power Options and Optional Wall and Pendant Mounts Available
- > Built-in Micro-SD Card Slot enables local storage up to 512GB
- > 3-Way Axis, CE, IK10 Vandal Resistant and IP67 Weather Resistant
- > Supported by uniview tec Guard Station Software, as well as Guard Live and Guard Viewer Mobile App's for iPhone and Android Devices

[www.univiewtechnology.com](http://www.univiewtechnology.com)

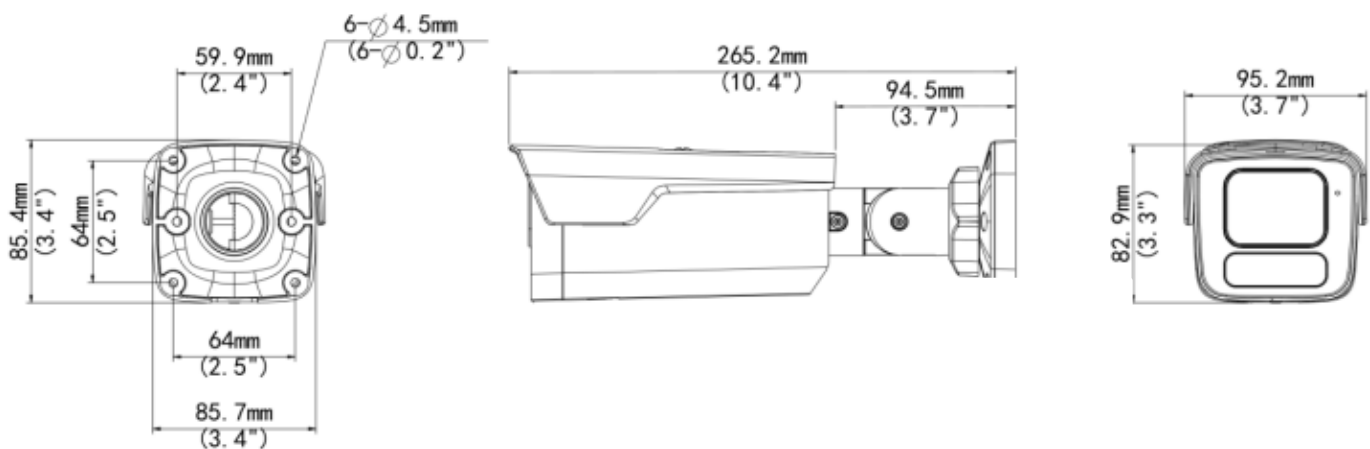
## Specifications

Camera	Description
Max Resolution	8MP
Sensor	1/1.2" CMOS
Min. Illumination	Color : 0.0003 lux (F1.0, AGC ON)
Shutter	Auto/Manual, 1 ~ 1/100000s
Adjustment Angle	Pan: 0° ~ 360°, Tilt: 0° ~ 90°, Rotate: 0° ~ 360°
S/N	>56dB
WDR	130dB
Lens	Description
Focal Length	2.8mm
Iris Type	Fixed
Iris	F1.0
Field of View (H)	105.0°
Field of View (V)	56.1°
Field of View (D)	121.0°
DORI	Description
DORI Distance(Detect)	43.4 m (142.5 ft)
DORI Distance(Observe)	17.4 m (57.0 ft)
DORI Distance(Recognize)	8.7 m (28.5 ft)
DORI Distance(Identify)	4.3 m (14.3 ft)
Illuminator	Description
Illumination Distance(Warm Light)	40m (131.2ft)
Light On/Off Control	Auto/Manual
Video	Description
Video Compression	H.265; H.264; MJPEG
H.264 Code Profile	Baseline profile, Main profile, High profile
Frame Rate	<p><u>Main Stream</u>: 8MP (3840 × 2160), Max 30 fps; 5.3MP (3072 × 1728), Max 30 fps; 3.6MP (2560 × 1440), Max 30 fps; 1080P (1920 × 1080), Max 30 fps; 720P (1280 × 720), Max 30 fps;</p> <p><u>Sub Stream</u>: 1080P @30fps; 720P @30fps; D1 (720*576) @30fps; 640*360 @30fps; 2CIF (704*288) @30fps; CIF (352*288) @30fps;</p> <p><u>Third Stream</u>: D1 (720*576) @30fps; 640*360 @30fps; 2CIF (704*288) @30fps; CIF (352*288) @30fps;</p>
Video Bit Rate	128 Kbps ~ 16 Mbps
U-code	Support
OSD; Privacy Mask	8 OSD; 4 Privacy Mask
ROI	Support
Video Stream	Triple Streams

Image	Description
White Balance	Auto; Outdoor; Fine Tune; Sodium Lamp; Locked; Auto2
Digital Noise Reduction	2D/3D DNR
Smart Illumination	Support
Flip	Normal; Flip Vertical; Flip Horizontal; 180°; 90°Clockwise; 90°Anti-clockwise
Dewarping	N/A
HLC; BLC	Support
Auto Scene Match (ASM)	Support
Defog	Digital Defog
Intelligent	Description
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	Description
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	Description
Audio Compression	G.711U; G.711A
Audio Bitrate	64 Kbps
Two-way Audio	Support
Suppression	Support
Sampling Rate	8KHZ
Storage	Description
Edge Storage	Micro SD, up to 512 GB
Network Storage	ANR; NAS (NFS)
Network	Description
Protocols	IPv4; IPv6; IGMP; ICMP; ARP; TCP; UDP; DHCP; PPPoE; RTP; RTSP; RTCP; DNS; DDNS; NTP; FTP; UPnP; HTTP; HTTPS; SMTP; 802.1x; SNMP; QoS; RTMP; 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
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 Live, Guard Viewer, Guard Station
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	Description
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
Network	1 x RJ45 10M/100M Base-TX Ethernet
Certification	Description
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); IK10 (IEC 62262)
General	Description
Power	DC 12V±25%, PoE (IEEE 802.3af); Power consumption: Max 6.0W
Power Interface	Ø 5.5mm coaxial power plug
Dimensions	265.2 × 95.2 × 82.9mm (10.4" × 3.7" × 3.3") (L x W x H)
Weight	0.93 kg (2.05 lb)
Material	Metal + Plastic
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

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