4MP, COLORHUNTER, WDR, LTE BULLET

4MP Fixed Lens Bullet

IPB4W4G40X

> 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

> White Light up to 98ft, Smart IR LED Lights for 0 Lux Night Time Operation up to 164ft

> 4.0mm fixed, wide-angle lens; and Two-way Audio with Built-in Microphone & Speaker

> TRUE Day/Night and WDR (120db) functionality for all Lighting Conditions

> Dual Video Streams; ONVIF Profile S Compliant and Built-in Micro-SD Card Slot enables local storage up to 512GB

> Smart Intrusion Prevention technology for significantly reduced false alarms when focusing on humans and motor vehicles

> IP67 Weather Resistant Housing and 12VDC Power Only

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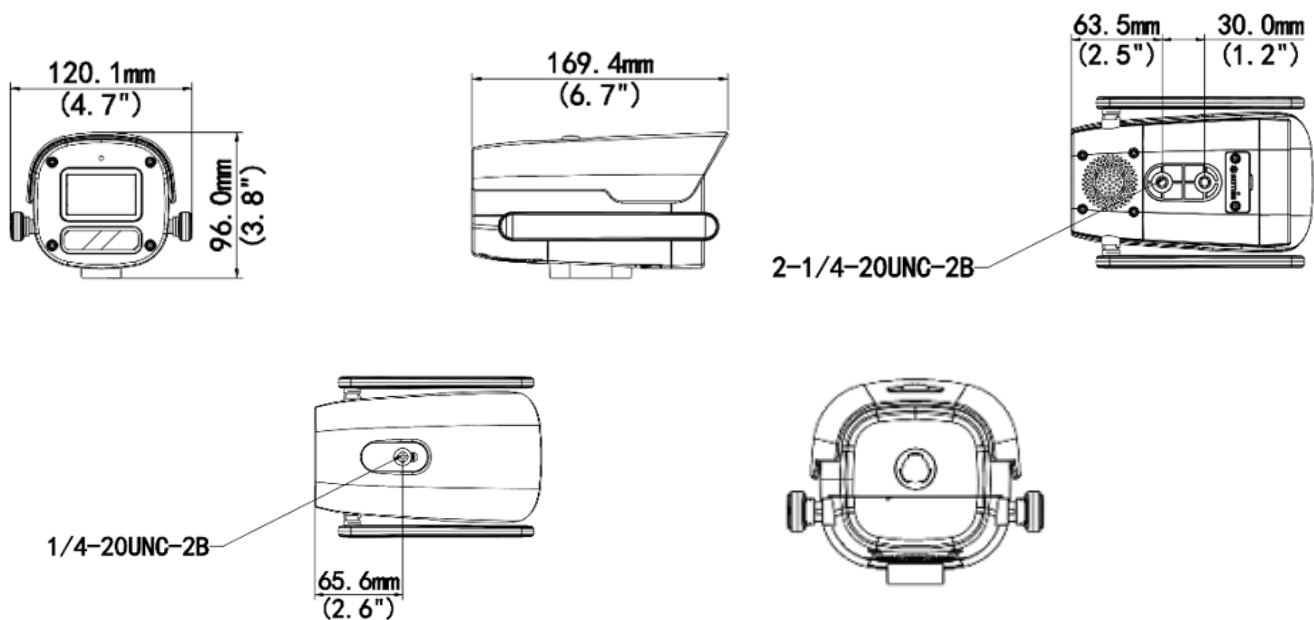
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Specifications

Camera	
Sensor	1/3.0" 4MP, progressive scan CMOS
Minimum illumination	Color: 0.003 lux (F1.6, AGC ON); 0 lux with IR on
True Day / Night	IR-cut filter with auto switch (ICR)
Shutter	Auto / Manual, 1 ~ 1/100000s
WDR	120dB
S/N	>52dB

Lens	
Lens	4.0mm @ F1.6
Iris	Fixed
Field of View (H)	79.0˚
Field of View (V)	42.3˚
Field of View (O)	85.1˚

DORI				
DORI Distance	Detect (m)	Observe (m)	Recognize (m)	Identify (m)
	63 (206.7ft)	25.2 (82.7ft)	12.6 (41.3ft)	6.3 (20.7ft)

Illuminator	
Dual Light	Up to 30m (98.4ft) White Light range, Up to 50m (164ft) IR range
Wavelength	850nm
IR On/Off Control	Auto/Manual

Video	
Video Compression	H.265, H.264, MJPEG
H.264 code profile	Baseline profile, Main profile, High profile
Frame Rate	Main Stream: 4MP (2560*1440), Max 30fps; 3MP (2304*1296), Max 30fps; 1080P (1920*1080), Max 30fps; 720P (1280*720), Max 30fps Sub Stream: 720P (1280*720), Max 30fps; D1 (720*576), Max 30fps; 640*360, Max 30fps;
Video Bit Rate	128 Kbps~2048 Kbps
U-code	Support
OSD	Up to 8 OSDs
Privacy Mask	Up to 4 areas
ROI	Support
Video Stream	Dual

Image	
White Balance	Auto / Outdoor / Fine Tune / Sodium Lamp / Locked / Auto2
Digital Noise Reduction	2D / 3D DNR
Smart IR	Support
Flip	Normal / Vertical / Horizontal / 180° / 90°Clockwise / 90°Anti-clockwise

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HLC	Supported
BLC	Supported
Defog	Digital Defog

Intelligent Analytics

Smart Intrusion Prevention	Cross Line detection, Intrusion detection, Enter Area detection, Leave Area detection

Intrusion 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, Alarm Input, Alarm Output

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

4G Network Frequency	LTE-FDD: Band 2/4/5/12/13/14/66/71
4G Network Standard	LTE-FDD
4G Card Type	Nano-SIM
Protocols	IPv4, IGMP, ICMP, ARP, TCP, UDP, DHCP, RTP, RTSP, RTCP, RTMP, DNS, DDNS, NTP, FTP, UPnP, HTTP, HTTPS, SMTP, QoS, SSL/TLS, SNMP, SSH
Compatible Integration	ONVIF (Profile S, Profile G, Profile T), API, SDK
User/Host	Up to 32 users. 2 user levels: administrator and common user
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	Input: impedance 35kΩ; amplitude 2V [p-p]; Output: impedance 600Ω; amplitude 2V [p-p]
Alarm I / O	1 /1
Built-in Mic	Support
Built-In Speaker	Support
Network	1 * RJ45 10M/100M Base-TX Ethernet

General

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Power	DC 12V±25%; Power consumption: Max 9W
Power Interface	Ø 5.5mm coaxial power plug
Dimensions (Ø × H)	169 x 113 x 96mm (6.7" x 4.4 x 3.8")
Weight	0.47kg (1.04lb)
Environment	-30°C ~ 60°C (-22°F ~ 140°F), Humidity: ≤95% RH (non-condensing)
Surge Protection	4KV
Conformity Certifications	IP67
Reset Button	Support

Dimensions

Accessories

See Camera Accessories Guide

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