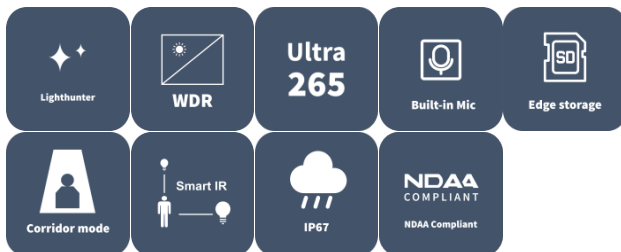


## 2MP WDR LightHunter IR Network Bullet Camera IPC2222SB-AHDF28KM-I1



### Features

- High quality image with 1080P, 1/2.8" CMOS sensor
- 1920 × 1080@60 fps in the main stream, delivers detailed live while 60 fps keeping it smooth and closer to the real image
- Ultra 265, H.265, H.264, MJPEG
- Smart intrusion prevention, supports cross line and intrusion based on human body and vehicle detection
- LightHunter technology ensures ultra-high image quality in low illumination environment
- Supports 9:16 corridor mode
- Up to 120 dB optical WDR (wide dynamic range)
- Supports smart IR, up to 80 m (262.5 ft.) IR range
- DC 12 V, PoE (IEEE 802.3af) power supply
- Alarm I/O: 1/1, audio I/O: 1/1
- Built-in mic
- IP67, IK10

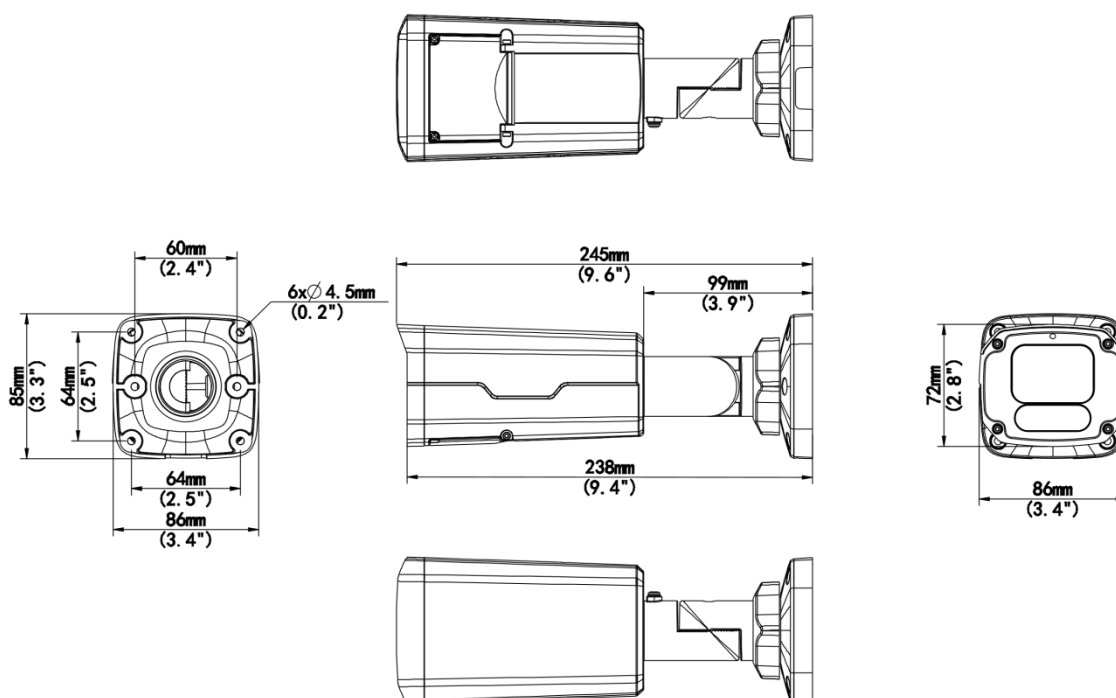
## Specifications

Model	IPC2222SB-AHDF28KM-I1
<b>Camera</b>	
Sensor	1/2.8" CMOS
Min. Illumination	Color: 0.001 Lux (F1.6, AGC ON), 0 Lux with IR
Day/Night	IR-cut filter with auto switch (ICR)
Shutter	Auto/Manual, 1 to 1/100000 s
WDR	120 dB
Adjustment Angle	Pan: 0° to 360°, Tilt: 0° to 90°, Rotate: 0° to 360°
S/N	>52 dB
<b>Lens</b>	
Focal Length	2.8 mm
Iris	F1.6
Field of View (H)	105.9°
Field of View (V)	56.4°
Field of View (D)	137.7°
Iris Type	Fixed
<b>DORI</b>	
DORI Distance (Lens)	2.8 mm
DORI Distance (Detect)	43.4 m (142.4 ft.)
DORI Distance (Observe)	17.4 m (57.1 ft.)
DORI Distance (Recognize)	8.7 m (28.5 ft.)
DORI Distance (Identify)	4.3 m (14.1 ft.)
<b>Illuminator</b>	
Illumination Distance (IR)	80 m (262.5 ft.)
IR On/Off Control	Auto/Manual
Wavelength	850 nm
<b>Video</b>	
Privacy Mask	Up to 4 areas per scene
Frame Rate-Main Stream	1080P (1920 × 1080), max. 60 fps
Frame Rate-Sub Stream	720P (1280 × 720), max. 60 fps
Video Compression	Ultra 265, H.265, H.264, MJPEG
Video Bit Rate	128 Kbps to 16 Mbps
ROI	Support
Video Stream	Dual streams
OSD	Up to 4 OSDs
<b>Image</b>	
Defog	Digital defog
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






HLC	Support
BLC	Support
Heatwave Reduction	N/A
<b>Intelligent</b>	
Smart Intrusion Prevention	Cross line detection, intrusion detection (support false alarm filtering and the classification of human and vehicle)
<b>Events</b>	
Basic Detection	Motion detection, Ultra motion detection (based on human body and vehicle 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
<b>Audio</b>	
Audio Compression	G.711U, G.711A
Audio Bitrate	128 Kbps
Two-way Audio	Support
Suppression	Support
Sampling Rate	16KHZ
<b>Storage</b>	
Edge Storage	MicroSD, up to 512 GB
Network Storage	ANR, NAS (NFS)
<b>Network</b>	
Protocols	SSH, IGMP, RTP, RTCP, SMTP, IPv4, IPv6, ICMP, ARP, TCP, UDP, DHCP, PPPoE, RTSP, RTMP, DNS, DDNS, NTP, FTP, UPnP, HTTP, HTTPS, 802.1x, SNMP, QoS, SSL/TLS
Compatible Integration	ONVIF (Profile S, Profile G, Profile T, Profile M), SDK, API
User/Host	Up to 32 users. 3 user levels: administrator, common user and operator
Security	TLS 1.3, 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	EZStation, UNV-Link, UNV-Link Pro
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+
<b>Interface</b>	
Audio I/O	1 Input: impedance 1 k $\Omega$ , amplitude 2.5 V [p-p], 1 Output: impedance 600 $\Omega$ , amplitude 2.5 V [p-p]
Alarm I/O	1/1
Built-in Mic	Support
Network	1 $\times$ RJ45 10 M/100 M Base-TX Ethernet
<b>Certification</b>	
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)
Safety	CE LVD (EN 62368-1:2014+A11:2017) 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)
<b>General</b>	
Power	DC 12 V (±25%), PoE (IEEE 802.3af)
Power Consumption	Max. 8 W
Power Interface	Ø5.5 mm coaxial power plug
Dimensions	245 mm × 87 mm × 86 mm (9.6" × 3.4" × 3.4") (L × W × H)
Weight	0.82 kg (1.81 lb.)
Working Environment	-30°C ~ 60°C (-22°F ~ 140°F), Humidity: 5%~95% RH (non-condensing)
Storage Environment	-40°C ~ 70°C (-40°F ~ 158°F), Humidity: 5%~95% RH (non-condensing)
Surge Protection	6 KV
Web Client Language	22 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, Arabic, Slovak

## Dimensions



# Accessories

<p><b>TR-JB07-D-IN</b> Bullet Junction Box(Support wiring from behind)</p>	<p><b>TR-JB06-A-IN</b> Middle Bullet Junction Box(Elegant White)</p>	<p><b>TR-UP06-B-IN</b> Bullet Pole Mounting Bracket</p>
		
<p><b>TR-A01-IN</b> NPT 3/4" Waterproof Cable Gland</p>	<p><b>TR-UP06-C-IN-V2</b> Pole Mounting Bracket for Bullet Junction Box Only</p>	
		

# Unlimited New View

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