

5MP HD Intelligent Starlight IR VF Bullet Network Camera

IPW-2V25-IQ2-28SZ



Features

- High quality image with 5MP, 1/2.7"CMOS sensor
- 5MP (2880*1620)@ 30/25fps; 4MP (2560*1440)@ 30/25fps; 3MP (2304*1296) @30/25fps; 2MP (1920*1080) @30/25fps
- Ultra 265, H.265, H.264, MJPEG
- Smart intrusion prevention, include cross line, intrusion, enter area, leave area detection
- Based on target classification, smart intrusion prevention significantly reduce false alarm caused by leaves, birds and lights etc., accurately focus on human and, motor vehicle and non-motor vehicle
- Intelligent
- Intelligent People Flow Counting and Crowd Density Monitoring
- Smart intrusion prevention with Color retrieval
- Auto Scene Match (ASM) (Only WDR)
- Starlight technology ensures ultra-high image quality in low illumination environment
- 130dB true WDR technology enables clear image in strong light scene
- Support 9:16 Corridor Mode
- Alarm:1 in/1 out, Audio: 1 in/1 out, Built-in Mic
- Smart IR, up to 60m IR distance
- Supports 512GB Micro SD card
- IK10 vandal resistant and IP67 protection

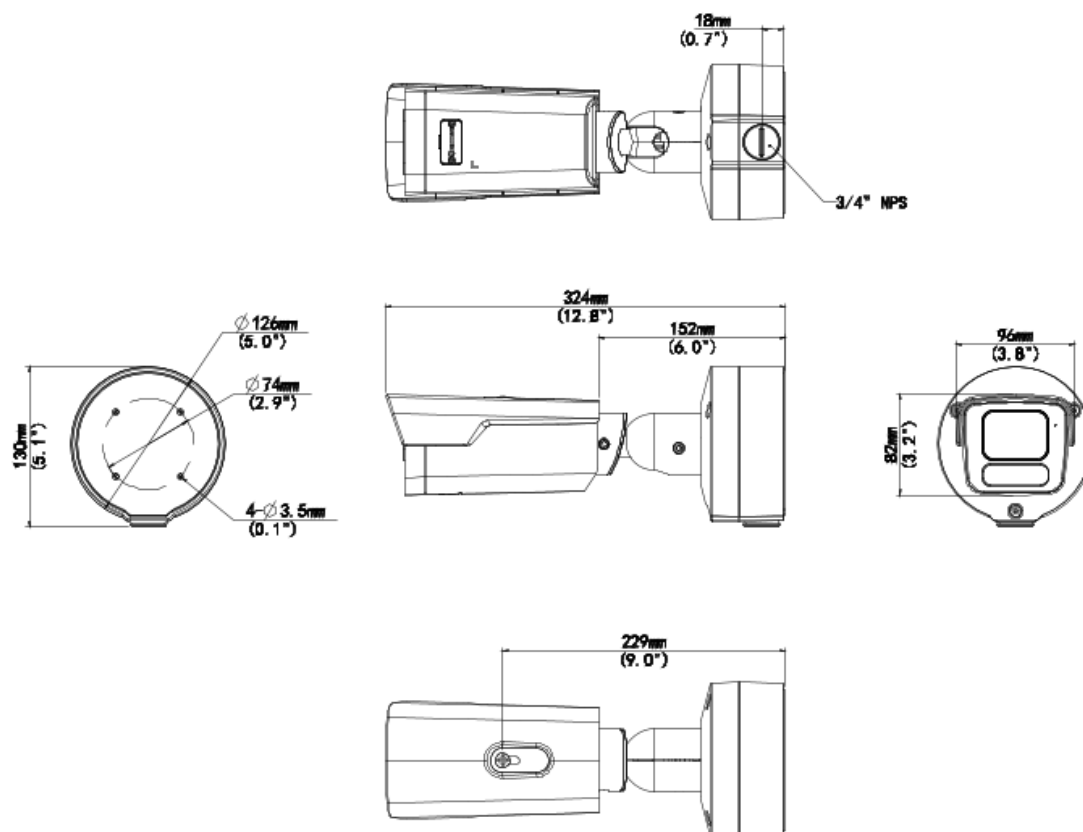
Specifications

Parameter	IPW-2V25-IQ2-28SZ					
Camera						
Max Resolution	5MP					
Sensor	1/2.7" CMOS					
Min. Illumination	Colour: 0.002 lux (F1.2, 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	>56dB					
WDR	130dB					
Lens						
Focal Length	2.7 ~ 13.5mm					
Iris Type	Fixed					
Iris	F1.2					
Field of View (H)	106.3°~ 32.5°					
Field of View (V)	53.5°~ 18.0°					
Field of View (D)	126.0°~ 38.5°					
Lens Type	Motorized					
DORI						
DORI distance	Focus (mm)	Detect (m)	Observe (m)	Recognize (m)	Identify (m)	
	2.7	60.8	24.3	12.2	6.1	
	13.5	303.8	121.5	60.8	30.4	
Illuminator						
Illumination Distance (IR)	60m					
IR On/Off Control	Auto/Manual					
Wavelength	850nm					
Video						
Video Compression	Ultra 265; H.265; H.264; MJPEG					
H.264 Code Profile	Baseline profile, Main profile, High profile					
Video Stream	Triple Streams					
Frame Rate	Main Stream: 5MP (2880*1620), Max 30fps; 4MP (2560*1440), Max 30fps; 3MP (2304*1296), Max 30fps; 1080P (1920*1080), Max 30fps; Sub Stream: 1080P (1920*1080), Max 30fps; 720P (1280*720), Max 30fps; D1 (720*576), Max 30fps; 640*360, Max 30fps; 2CIF (704*288), Max 30fps; CIF (352*288), Max 30fps; Third Stream: D1 (720*576), Max 30fps; 640*360, Max 30fps; 2CIF (704*288), Max 30fps; CIF (352*288), Max 30fps					
Video Bit Rate	128 kbps ~ 16 Mbps					
OSD	Up to 8 OSDs					
Privacy Mask	Up to 4 areas					
ROI	Up to 8 areas					

Image	
Auto Scene Match (ASM)	Support (Only WDR)
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
Intelligent	
Smart Intrusion Prevention	Support False Alarm Filtering: Cross Line Detection, Intrusion Detection, Enter Area Detection, Leave Area Detection
Statistical Analysis	People Counting; support people flow counting and crowd density monitoring
Attribute Collection	Smart intrusion prevention with color retrieval
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 512 GB
Network Storage	ANR; NAS (NFS)
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; 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-Live Pro; 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	
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 Mic	Support
Network	1 x RJ45 10M/100M Base-TX Ethernet
Certification	
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) CB (IEC 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	
Power	DC 12V±25%, PoE (IEEE 802.3af) Power consumption: Max 9.5W
Power Interface	Ø 5.5mm coaxial power plug
Dimensions	324 × 126 × 130mm
Weight	1.48kg
Material	Metal + Plastic
Working Environment	-30 °C ~ 60 °C, Humidity: ≤95% RH (non-condensing)
Storage Environment	-30 °C ~ 60 °C, Humidity: ≤95% RH (non-condensing)
Surge Protection	6kV

Dimensions



Accessories

TR-UC08-C	TR-UP06-C-IN
Bullet&Dome Corner Mounting Bracket	Pole Mounting Bracket for Bullet Junction Box Only
