

# 2MP Motorized VF Network IR Bullet Camera

IPW-2322L-28ZD



## Key Features

### Optics

- Day/night functionality
- Smart IR, up to 30 m IR distance
- IR anti-reflection window to increase the infrared transmittance
- 2D/3D DNR (Digital Noise Reduction)

### Compression

- Ultra 265, H.265, H.264, MJPEG
- Triple streams

### Smart function

- VCA Intrusion Detection Alarm
- Human Body Detection

### Network

- ONVIF Conformance

### Structure

- Wide temperature range: -30°C to 60°C
- Wide voltage range of  $\pm 25\%$
- IP67
- 3-Axis

## Specifications

IPW-2322L-28ZD																
<b>Camera</b>																
Sensor	1/2.7", progressive scan, 2.0megapixel, CMOS															
Lens	2.8~12mm, AF automatic focusing and motorized zoom lens															
DORI Distance	<table border="1"> <thead> <tr> <th>Lens</th> <th>Detect(m)</th> <th>Observe(m)</th> <th>Recognize(m)</th> <th>Identify(m)</th> </tr> </thead> <tbody> <tr> <td>2.8</td> <td>42</td> <td>16.8</td> <td>8.4</td> <td>4.2</td> </tr> <tr> <td>12</td> <td>180</td> <td>72</td> <td>36</td> <td>18</td> </tr> </tbody> </table>	Lens	Detect(m)	Observe(m)	Recognize(m)	Identify(m)	2.8	42	16.8	8.4	4.2	12	180	72	36	18
	Lens	Detect(m)	Observe(m)	Recognize(m)	Identify(m)											
	2.8	42	16.8	8.4	4.2											
12	180	72	36	18												
Angle of View (H)	112.7° ~ 28.1°															
Angle of View (V)	60.1° ~ 15.4°															
Angle of View (O)	146.5° ~ 33.2°															
Adjustment angle	<table border="1"> <tr> <td>Pan: 0°~360°</td> <td>Tilt: 0°~90°</td> <td>Rotate: 0°~360°</td> </tr> </table>	Pan: 0°~360°	Tilt: 0°~90°	Rotate: 0°~360°												
Pan: 0°~360°	Tilt: 0°~90°	Rotate: 0°~360°														
Shutter	Auto/Manual, shutter time: 1~1/100000 s															
Minimum Illumination	Colour: 0.01Lux (F1.6, AGC ON), 0 Lux with IR on															
Day/Night	IR-cut filter with auto switch (ICR)															
Digital noise reduction	2D/3D DNR															
S/N	>52 dB															
IR Range	Up to 35m IR range															
Wavelength	850nm															
IR On/Off Control	Auto/Manual															
Defog	Digital Defog															
WDR	DWDR															
<b>Video</b>																
Video Compression	Ultra 265,H.265, H.264, MJPEG															
H.264 code profile	Baseline profile, Main Profile															
Frame Rate	Main Stream: 1080P (1920*1080), Max 30fps; Sub Stream: 720P (1280*720), Max 30fps; Third Stream: D1 (704*576), Max 30fps															
Video Bit Rate	128 Kbps~16 Mbps															
OSD	Up to 4 OSDs															
Privacy Mask	Up to 4 areas															
ROI	Up to 2 areas															
Motion Detection	Up to 4 areas															
<b>Image</b>																
White Balance	Auto/Outdoor/Fine Tune/Sodium Lamp/Locked/Auto2															
Digital noise reduction	2D/3D DNR															
Smart IR	Support															
Flip	Normal/Vertical/Horizontal/180°															
Dewarping	Supported															
HLC	Supported															
BLC	Supported															
<b>Smart</b>																
Behavior Detection	Intrusion detection (1 area) Human Body detection															

General Function	Watermark, IP Address Filtering, Tampering, Access Policy, ARP Protection, RTSP Authentication, User Authentication
<b>Storage</b>	
Edge Storage	Micro SD, up to 256 GB
Network Storage	ANR
<b>Network</b>	
Protocols	IPv4, IGMP, ICMP, ARP, TCP, UDP, DHCP, PPPoE, RTP, RTSP, RTCP, DNS, DDNS, NTP, FTP, UPnP, HTTP, HTTPS, SMTP, 802.1x, SNMP, QoS
Compatible Integration	ONVIF (Profile S, Profile G, Profile T), API
Client	GuarStation GuardView GuardLive
Web Browser	Plug-in required live view: IE9+, Chrome 41 and below, Firefox 52 and below
	Plug-in free live view: Chrome 57.0+, Firefox 58.0+, Edge 16+, Safari 11+
<b>Interface</b>	
Network	1 RJ45 10M/100M Base-TX Ethernet
<b>General</b>	
Power	12 V DC±25%, PoE (IEEE802.3 af)
	Power consumption: Max 6.5 W
Dimensions (L × W × H)	240.3 × 86.4 × 75.6mm
Weight	1kg
Material	Metal
Working Environment	-30°C ~ +60°C, Humidity: ≤95% RH (non-condensing)
Surge Protection	6KV
Ingress Protection	IP67

## Dimensions

