

2MP WDR Color-Low-Light AF Network IR Bullet Camera

IV-BV28122MP-PRO-UN



Key Features

Optics

- Color-Low-Light illumination
- Up to 120dB WDR (Wide Dynamic Range)
- Smart IR, up to up to 100m (328ft) IR distance
- Optical glass window with higher light transmittance
- IR anti-reflection window to increase the infrared transmittance
- Day/night functionality

Compression

- Ultra 265, H.265, H.264, MJPEG
- Triple streams
- ROI (Region of Interest)
- 9:16 corridor mode
- Customized OSD

Network

- ONVIF Conformance

Structure

- Support PoE power supply
- Wide temperature range: -40°C ~ 60°C (-40°F ~ 140°F)
- Wide voltage range of $\pm 25\%$
- IP67
- 3-Axis

Specifications

Camera	IV-BV28122MP-PRO-UN				
Sensor	1/1.8", 2.0 megapixel, progressive scan, CMOS				
Lens	2.8 ~ 12mm@F1.5 (W) ~ F2.8 (T); DC-Iris, AF automatic focusing and motorized zoom lens				
Iris	DC-Iris				
DORI Distance	Lens (mm)	Detect (m)	Observe (m)	Recognize (m)	Identify (m)
	2.8	33.6	13.4	6.7	3.4
	12	144	57.6	28.8	14.4
Angle of View (H)	87.5° ~ 31.2°				
Angle of View (V)	48.9° ~ 17.3°				
Angle of View (O)	113.8° ~ 38.4°				
Adjustment angle	Pan: 0° ~ 360°		Tilt: 0° ~ 90°		Rotate: 0° ~ 360°
Shutter	Auto/Manual, 1 ~ 1/100000s				
Minimum Illumination	Colour: 0.0005Lux (F1.5, AGC ON) 0Lux with IR				
Day/Night	IR-cut filter with auto switch (ICR)				
Digital noise reduction	2D/3D DNR				
S/N	>52dB				
IR Range	Smart-IR, up to 100m (328ft) IR range				
Defog	Digital Defog				
WDR	120dB				
Video					
Video Compression	Ultra 265, H.265, H.264, MJPEG				
H.264 code profile	Baseline profile, Main Profile, High Profile				
Frame Rate	Main Stream: 2MP (1920*1080), Max 60fps; Sub Stream: 2MP (1920*1080), Max 60fps; Third Stream: D1 (720*576), Max 60fps				
9:16 Corridor Mode	Supported				
HLC	Supported				
BLC	Supported				
OSD	Up to 8 OSDs				
Privacy Mask	Up to 8 areas				
ROI	Supported				
Motion Detection	Up to 4 areas				
Smart					
General Function	Watermark, IP Address Filtering, Tampering Alarm, Alarm input, Alarm output, Access Policy, ARP Protection, RTSP Authentication, User Authentication				
Audio					
Audio Compression	G.711				
Suppression	Supported				
Sampling Rate	8KHZ				
Storage					
Edge Storage	Micro SD, Up to 256GB				
Network Storage	ANR				

Network	
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
Interface	
Audio I/O	Audio cable
	1 Input: impedance 35kΩ; amplitude 2V [p-p]
	1 Output: impedance 600Ω; amplitude 2V [p-p]
Alarm I/O	2/1
Serial Port	1 RS485
Network	1 RJ45 10M/100M Base-TX Ethernet
Video Output	1 BNC, impedance 75Ω; amplitude 1V [p-p]
General	
Power	AC 24V±25%, DC 12V±25%, PoE (IEEE 802.3at)
	Power consumption: 13.7W
Dimensions (L × W × H)	305.5 × 104.1 × 97.3mm (12.0" × 4.1" × 3.8")
Weight	1.65kg (3.6lb)
Working Environment	-40°C ~ 60°C (-40°F ~ 140°F), Humidity: ≤95% RH (non-condensing)
Ingress Protection	IP67
Reset Button	Supported

Dimensions

