5MP VUPoint Variofocal Bullet Camera



The 5MP VUPoint AI Varifocal Bullet camera provides professional-grade surveillance by combining 5MP high-resolution clarity with a varifocal lens that allows for a finely tuned field of view to meet specific installation needs. This model ensures 24/7 security with advanced sensors and a large aperture for crisp, full-color imaging even in low light, while integrated AI analytics accurately distinguish between humans and vehicles to reduce false alarms. For proactive protection, it features active deterrence with a built-in red/blue strobe light and audio to ward off intruders, all housed in a durable IP67 weather-resistant casing suitable for demanding outdoor environments. Additionally, it supports PoE for simplified installation and includes a Micro SD slot for local storage.

Product Specification

Lens Type	
Focal Length (Zoom Ratio)	2.8-12mm
Max. Aperture Ratio	F No. 1.2
Angular Field of View	H:113(W)-35(T)° V：59(W)-20(T)° D：138(W)-41(T)°
Min. Object Distance	1.5m
Lens Type	Ø16.7
Video	
Imaging Device	1/2.7"
Effective Pixels	5MP 2880（H）x1620（V）
Scanning System	Progressive CMOS
Min. Illumination	Color 0.002lux @ F1.0(AGC ON)； B/W 0 lux @ IR ON
Operational	
IR LED	4
WarmLight	4
Red Blue Light	2 (1 Red&1 Blue)
IR Viewable Length	Up to 30m
WarmLight Viewable Length	Up to 25m
Type of complementary light	Default warm light, switchable infrared light
Motion Detection	Off/On (8 Level)
Wide Dynamic Range	WDR
Digital Noise Reduction	3D DNR
Image Setting	Full Color Mode/Day&Night Mode/Smart Illumination
White Balance	Auto/Manual
Electronic Shutter Speed	1/5 ~ 1/20000s
On-Board Storage	Micro SD slot, up to 256GB
Alarm	NA
Audio	Built-in microphone&Speaker
Custom Voice	Yes
Hardware Reset	Yes

Smart Feature	Face Detection, Pedestrian & Vehicle, License Plate,Line Crossing, Intrusion, Enter Region, Exit Region, Object Detection, Crossing Counting, Heat Map, Queue Length, Crowd Density ,Rare Sound; Motion by SMD (Pedestrian&Vehicle) Video Tampering
Network	
Ethernet	RJ45(10/100BASE-T)
Video Compression Format	H.265/H.264
Resolution	Main Stream@30fps 5MP(2880x1620),4MP(2560X1440) 3MP(2304x1296),1080P(1920x1080) 720P(1280x720) Sub Stream@30fps 720P(1280x720),VGA(640x480),QVGA(320x240) Mobile Stream@30fps VGA(640x480), QVGA（320x240）
Video Quality Adjustment	256Kbps ~ 8Mbps
Bitrate control method	CBR/VBR
IP	IPv6
Protocol	TCP/IP, HTTP, DHCP, DNS, DDNS, RTP/RTSP, SMTP, NTP, UPnP, SNMP, HTTPS, FTP
Security	IP address filter;complicated password; Authenticated username and password
Application Programming Interface	ONVIF(Profile S/G/T/M)
Web Viewer	IE10/11 Safari V12.1 above Firefox V.52 above Google chrome V.57 above Edge V.79 above
Environmental	
Operating Conditions	-35～+60°C/less than ≤ 90% RH
Ingress Protection	IP67
Electrical	
Input Voltage / Current	D12V/POE(IEEE802.3af)
Power Consumption	DC12V: max 9.8W; POE (48V): max 12.2W
Mechanical	
Material	Metal
Dimensions	240x84mm