

4K Black Light Active Deterrence Full Color Fixed Lens IP Turret

- Providing real-time video output at maximum resolution 3840x2160@30fps
- AI-ISP for excellent noise reduction effect
- Intelligent analytics
- Supports warm light/infrared dual supplementary light
- Supports backlight compensation, strong light suppression, 3D digital noise reduction, 120dB wide dynamic range, suitable for different video environments
- Equipped with 1 built-in microphone, 1 built-in speaker
- Designed to meet IP67 dust and water resistance standards

Video	
Imaging Device	1/1.8”
Effective Pixels	8MP 3840(H)×2160(V)
Scanning System	Progressive CMOS
Min. Illumination	Color 0.0007lux @ F1.0(AGC ON) ; B/W 0 lux @ IR ON

Lens Type	
Focal Length (Zoom Ratio)	2.8mm
Max. Aperture Ratio	F1.0
Angular Field of View	Horizontal:110° Vertical:60° Diagonal:113°
Min. Object Distance	2.5m

Operational	
IR LED	1
WarmLight	2
Red Blue Light	2 (1 Red&1 Blue)

IR Viewable Length	Up to 25m
WarmLight Viewable Length	Up to 20m
Type of complementary light	Default warm light, switchable infrared light
Motion Detection	Off/On (8 Level)
Wide Dynamic Range	120 dB
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	N/A
Audio	Built-in microphone&Speaker
Custom Voice	Yes
Hardware Reset	Yes
Smart Feature	Face Recognition, Pedestrian & Vehicle, Perimeter Intrusion, Multi-Target-Type Recognition, Line Crossing, Object Detection, Crossing Counting, Heat Map, Crowd Density, Queue Length, License Plate, Rare Sound, Intrusion, Region Entrance, Region Exiting, Fall Detection, Fire&Smoke Detection

Network	
Ethernet	RJ45(10/100BASE-T)
Video Compression Format	H.265/H.264/H.265+/H.264+/MJPEG
Resolution	Mainstream@30fps 8MP(3840x2160),5MP(2592x1944,3072x1728), 4MP(2592x1520),3MP(2304x1296),1080P(1920x1080), 960P(1280*960),720P(1280x720) Substeam@30fps 720P(1280x720),VGA(640x480),QVGA(320x240) Mobilestream@30fps VGA(640x480), QVGA(320x240)
Video Quality Adjustment	256Kbps ~ 16Mbps
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

Mechanical	
Material	Metal

User Manual

AI Color Pro App