

8MP (4K) ColorMAX® IP 180° Panoramic Turret with Active Deterrence



MEDALLION SERIES™



KEY FEATURES

- 2.0mm 180° Panoramic Lens
- 2 Way Audio / Built in Speaker
- Dual Lighting - IR and ColorMAX®
- Metal Housing / IP67
- Active Deterrence
- Advanced AI Including Human /Vehicle Detection and LPR OCR/ ANPR

COLORMAX
FULL COLOR 24/7

180°
← PANORAMIC →



SPECIFICATIONS

*VIDEO	
Imaging Device	1 / 2.7" Progressive ColorMax CMOS
Effective Pixels	8MP (4K) 3840 (H) × 2160 (V)
Scanning System	ColorMax Progressive CMOS
Min. Illumination	Color 0.007lux @ F1.0(AGC ON) ; B/W 0 lux @ IR ON
*LENS TYPE	
Focal Length (Zoom Ratio)	2.0 mm 180° panoramic lens
Max. Aperture Ratio	F No. 2.4
Angular Field of View	Horizontal: 180°; Vertical: 91°; Diagonal: 180°
Min. Object Distance	6m
Lens Type	Fixed (M12)
*OPERATIONAL	
IR LED	2
ColorMAX Light	2
IR Viewable Length	Up to 80ft
ColorMAX Light Viewable Length	Up to 50ft
Type of complementary light	IR / ColorMAX Selectable
Backlight Compensation	Off/On (5 Zones)
Wide Dynamic Range	True WDR
Digital Noise Reduction	3D DNR
Motion Detection	Off/On (8 Levels)
Image Setting	Day & Night Mode / Full Color Mode / Schedule
Privacy Masking	Off/On (4 Zones, Rectangles)
Gain Control	Auto
White Balance	Auto/Manual
Electronic Shutter Speed	1/5 ~ 1/20000s
On-Board Storage	Micro SD slot, up to 256GB
Alarm	Built-in red & blue flashing lights
Audio	Built-in microphone & speaker 2-Way Audio
Hardware Reset	Yes

Smart Feature	Face Recognition (FR) Human&Vehicle Detection (PD&VD) Perimeter Intrusion Detection (PID) Line Crossing Detection (LCD) Cross Counting (CC) Stationary Object Detection (SOD) Heat Map (HM) Crowd Density Detection (CD) Queue Length Detection (QD) License Plate Detection (LPD) License Plate Recognition (LPR) Rare Sound Detection (RSD)
*NETWORK	
Ethernet	RJ45 (10/100 Base-T)
Video Compression Format	H.265+ / H.265 / H.264
Video Quality Adjustment	256Kbps ~ 8Mbps
Resolution	Main Stream 50/60Hz @ 20fps, 8MP (3840x2160), 5MP (2592x1944, 3072x1728), 4MP (2592x1520), 3MP (2304x1296), 1080P(1920x1080), 960P(1280*960), 720P(1280x720), Sub Stream 50/60Hz @ 20fps, 720P (1280x720), VGA(640x480) Mobile Stream 50/60Hz @ 20fps VGA(640x480)
Bitrate control method	Constant (CBR) / Variable (VBR)
Streaming Capability / Method	Triple-Stream (Main/Sub/Mobile) / Unicast / Multicast
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	Open Compatibility, (Profile S / G / T)
Web Viewer	IE10/11, Safari V12.1 above, Firefox V.52 above, Google chrome V.57 above, Edge V.79 above
*PHYSICAL	
Material / Protection	Metal Housing / IP67
Operating Conditions	Temp: -35~+60°C / Humidity: less than ≤ 95% RH
Input Voltage / Current	DC12V or POE 48V (IEEE802.3af)
Max Power Consumption	13.1W
Dimension (W x H x D)	116 x 97.7 x 97.7 mm (4.57 x 3.85 x 3.85 inches)
Weight	Approximately 587.5g (1.3 lbs)

COR-IP8TRW

