

## 8MP 4K Black ColorMAX® IP Turret Camera with Dual Lighting & Advanced AI

**MDS**  
MEDALLION SERIES™



### KEY FEATURES

- 4K (8MP) 3840 (H) × 2160 (V)
- 2.8mm Wide Angle Lens
- Dual Lighting - IR & ColorMAX®
- Advanced AI and Recognition
- License Plate Recognition with OCR / ANPR
- All Metal Housing IP67



### SPECIFICATIONS

| *VIDEO                         |   |
|--------------------------------|---|
| Imaging Device                 | 1 / 2.8" 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)      | 2.8mm wide angle lens                             |
| Max. Aperture Ratio            | F No. 1.0   |
| Angular Field of View          | Horizontal: 105°, Vertical: 55°, Diagonal: 125°   |
| Min. Object Distance           | 2m  |
| Lens Type                      | Fixed (M12)                                       |
| *OPERATIONAL                   |   |
| IR LED                         | 2   |
| ColorMAX Light                 | 2   |
| IR Viewable Length             | Up to 65ft  |
| ColorMAX Light Viewable Length | Up to 60ft  |
| Type of complementary light    | IR / ColorMAX selectable                          |
| Motion Detection               | Off/On (8 Levels)                                 |
| Wide Dynamic Range             | WDR   |
| Digital Noise Reduction        | 3D DNR  |
| Motion Detection               | Off/On (8 Level)                                  |
| Image Setting                  | Full Color Mode/Day&Night Mode/Schedule           |
| Privacy Masking                | Off/On (4 Zone, Rectangle)                        |
| Gain Control                   | Auto  |
| White Balance                  | Auto/Manual                                       |
| Electronic Shutter Speed       | 1/5 ~ 1/20000s                                    |
| On-Board Storage               | Micro SD slot, up to 256GB                        |
| Audio                          | Built-in microphone                               |
| 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 ~ 16Mbps  |
| Resolution                        | Main Stream @30fps<br>8MP(3840x2160), 5MP(2592x1944, 3072x1728), 4MP(2592x1520), 3MP(2304x1296), 1080P(1920x1080), 960P(1280*960), 720P(1280x720), Sub Stream @30fps<br>720P(1280x720), VGA(640x480), QVGA(320x240) Mobile Stream @30fps<br>VGA(640x480), QVGA(320x240)   |
| 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 / M)  |
| 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             | 3-5.5W  |
| Dimension (W x H x D)             | 100 x 100 x 90 mm (3.9 x 3.9 x 3.5 inches)  |
| Weight                            | Approximately 415g (.91 lbs)  |

COR-IP8TRFG

