COR-IP8BVA

CORTEX®

8MP (4K) ColorMAX® IP Bullet Camera with Motorized Zoom & Advanced AI

MDS
MEDALLION SERIES®

KEY FEATURES

- 1/2.8” ColorMAX Progressive CMOS
- 2.8 - 12mm Motorized Varifocal Lens
- Dual Lighting - IR & ColorMAX®
- Advanced AI and Recognition
- License Plate Recognition with OCR / ANPR
- All Metal Housing IP66

Cortex IQ

SPECIFICATIONS

***VIDEO**	
Imaging Device	1/2.8" ColorMAX CMOS
Effective Pixels	8MP 3840(H)×2160(V)
Scanning System	Progressive CMOS
Min. Illumination	Color 0.007lux @ F1.0(AGC ON) ; B/W 0 lux @ IR ON
***LENS TYPE**	
Focal Length (Zoom Ratio)	2.8-12mm Motorized Varifocal Lens
Max. Aperture Ratio	F No. 1.2
Angular Field of View	Horizontal: 107-34°, Vertical: 56-19°, Diagonal: 129-39°
Min. Object Distance	2m
Lens Type	Motorized 16.7
***OPERATIONAL**	
IR LED	2
ColorMAX Light	2
IR Viewable Length	Up to 98ft
ColorMAX Light Viewable Length	Up to 90ft
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 Level)
Image Setting	Full Color Mode / Day & Night 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	1 input , 1 output
Audio	1 input (RCA), 1 output (RCA)
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 @30fps 8MP (3840x2160), 5MP (2592x1944, 3072x1728), 4MP (2592x1520), 3MP (2304x1296), 1080P (1920x1080), 960P (1280*960),720P (1280x720), Sub Steam @30fps 720P (1280x720), VGA (640x480), QVGA (320x240) Mobile Stream @30fps 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)
Web Viewer	IIE10/11, Safari V12.1 above, Firefox V.52 above, Google chrome V.57 above, Edge V.79 above
***PHYSICAL**	
Material / Protection	Metal Housing / IP66
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)	241 x 86 x 84.7mm (9.49 x 3.39 x 3.33inches)
Weight	Approximately 704g (1.55 lbs)

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