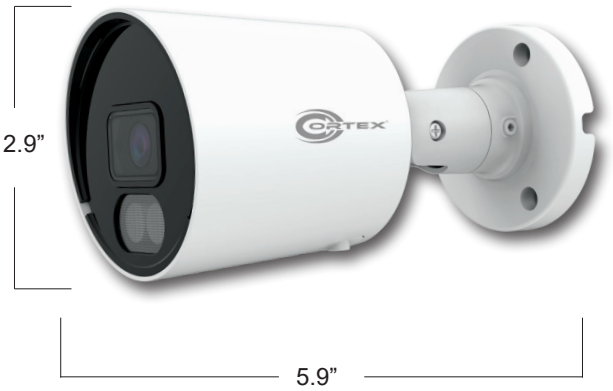
COR-IP5BF

CORTEX®

5MP ColorMAX® IP Turret Camera with Dual Lighting & Advanced AI

MDS
MEDALLION SERIES®



KEY FEATURES

- 5MP 2880 (H) x 1620 (V)
- 2.8mm Wide Angle Lens
- Dual Lighting - IR & ColorMAX®
- Advanced AI and Recognition
- License Plate Recognition with OCR / ANPR
- All Metal Housing IP67
- Compact Size

COLORMAX FULL COLOR 24/7

Cortex IQ

SPECIFICATIONS

***VIDEO**	
Imaging Device	1 / 2.7” Progressive ColorMAX CMOS
Effective Pixels	5MP 2880 (H) x 1620 (V)
Scanning System	ColorMAX Progressive CMOS
Min. Illumination	Color 0.002lux @ 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: 88°, Vertical: 48°, Diagonal: 105°
Min. Object Distance	1m
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
Backlight Compensation	Off/On (5 Zones)
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	Mainstream@30fps 5MP (2880x1620), 4MP (2560x1440) 3MP (2304x1296), 1080P (1920x1080) 720P (1280x720) Substeam@30fps 720P (1280x720), VGA (640x480), QVGA (320x240) Mobilestream@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 / M)
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 / 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 (L x W x H)	151.3 x 74.1 x 74.1 mm (5.9 x 2.9 x 2.9 inches)
Weight	Approximately 388g (.86 lbs)

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