12MP 360° Panoramic Fisheye IP Camera with Advanced AI

MDS

MEDALLION SERIES®

360°

4.72"

8MP **4K UHD** **H.265+ HIGH EFFICIENCY** **QC6 6 STEP CORE QUALITY CONTROL** **AI**

KEY FEATURES

- Up to 12MP resolution
- 1.6mm Lens - 360° Panoramic View
- 2-Way Audio
- De-warping Technology
- Outdoor housing / IP66

De-Warped View (VMS)

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) Rare Sound Detection (RSD)

SPECIFICATIONS

*VIDEO	
Imaging Device	1 / 2.3" Progressive CMOS
Effective Pixels	12MP 4000 (H) x 3000 (V)
Scanning System	Progressive CMOS
Min. Illumination	Color 0.01lux @ F1.6 (AGC ON) B/W 0 lux @ IR ON
*LENS TYPE	
Focal Length (Zoom Ratio)	1.6mm fixed 360° lens
Max. Aperture Ratio	F No. 2.0
Angular Field of View	Horizontal: 360° (ceiling mounted), 180° (wall mounted)
Min. Object Distance	2m
Lens Type	Fixed (M12)
*OPERATIONAL	
IR LED	3
IR Viewable Length	Up to 30ft diameter
Motion Detection	Off/On (8 Level)
Wide Dynamic Range	DWDR
Digital Noise Reduction	3D DNR
Image Setting	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	1 input, 1 output
Audio	Built-in microphone & Speaker / 2-Way Audio
Hardware Reset	Yes

*NETWORK	
Ethernet	RJ45 (10/100 Base-T)
Video Compression Format	H.265+ / H.265 / H.264
Video Quality Adjustment	256Kbps ~ 16Mbps
Resolution	Mainstream: 4000x3000 @15pfs, 3000x3000 @25pfs, 2560x2560 @25pfs. 2160x2160 @25pfs Substeam: 1280x960P @15fps, 1080x1080 @25pfs, 720x720 @25pfs, 640x480@15fps, 480x480 @25pfs Mobilestream: 640x480 @15fps, 480x480 @25pfs
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	3.8-9.6W
Dimension (W x H x D)	120 x 120 x 55 mm (4.72 x 4.72 x 2.1 inches)
Weight	Approximately 400g (0.88 lbs)

CORTEX®