COR-IP5SPD25

CORTEX®

5MP IP PoE Pan Tilt Zoom Camera with 25X Zoom, Advanced AI & Auto Tracking

MDS MEDALLION SERIES®

KEY FEATURES

- 5MP 2592(H) x 1944(V)
- 5mm - 125mm 25X Optical Zoom Lens
- Advanced AI with Human/Vehicle Detection
- License Plate Recognition with OCR/ANPR
- Smart Auto Tracking
- 325ft IR range
- 360° Continuous Rotation

SPECIFICATIONS

***CAMERA**	
Image Sensor	1/2.7" Progressive Scan CMOS
Max. Resolution	5MP 2592(H) x 1944(V)
Min. Illumination	Color: 0.004 Lux @ (F1.6, AGC ON), B/W: 0 Lux with IR
Shutter Speed	1/5 s to 1/20000 s
Slow Shutter	Yes
Day & Night	IR cut filter with auto switch (Day/Night/Auto/Schedule)
Zoom	25X Optical
***LENS**	
Focal Length (Zoom Ratio)	5 - 125mm Motorized Varifocal Lens
Max. Aperture Ratio	F No. 1.6
Angular Field of View	Horizontal: 8.1° - 55.6° (tele - wide) Vertical: 6.1° - 42.2° (tele - wide) Diagonal: 10.2° - 62.8°(tele - wide)
Focus	Automatic or Manual
***OPERATIONAL**	
IR Viewable Length	Up to 325ft
Day & Night	IR cut filter with auto switch (Day/Night/Auto/Image/ Schedule)
Image Enhancement	BLC / HLC / 3DNR
Image Setting	Saturation, brightness, contrast, sharpness, Hue and white balance adjustable by client software or web browser
Wide Dynamic Range	True WDR 120dB
Motion Detection	Off/On
Privacy Masking	Off/On (4 Zones, Rectangles)
Electronic Shutter Speed	1/5 ~ 1/20000s
On-Board Storage	N/A
Alarm	1 input, 1 output
Alarm Linkage	Upload to FTP / e-mail / trigger alarm output or recording
Audio	1 input, 1 output G.711a/G.711u
Hardware Reset	Yes
Movement Range (Pan)	360° Continuous
Movement Range (Tilt)	-10° to 90° (auto flip)
Pan Speed	Configurable from 0.6° to 80°/s; preset speed: 120°/s

Tilt Speed	Configurable from 0.6° to 80°/s, preset speed 100°/s
Presets	255
Patrol Scan / Pattern Scan	1 Scan / 4 Pattern
Power-Off Memory	Yes
3D Positioning	Yes
Smart Feature	Face Detection (FD) 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)
Smart Tracking	Auto Tracking
***NETWORK**	
Ethernet	RJ45 10/100M self-adaptive port
Video Compression Format	H.265+ / H.265 / H.264+ / H.264
Video Quality Adjustment	8192Kbps ~ 16Mbps
Resolution	Mainstream @ 30fps 2592x1944, 2592x1520, 2048x1536, 2304x1296, 1920x1080, 1280x720 Substeam @ 30fps 1280x720, 640x480, 320x240 Mobilestream @ 30fps 640x480, 320x240
Bitrate control method	Constant (CBR) / Variable (VBR)
Streaming Capability / Method	Triple-Stream (Main/Sub/Mobile) / Unicast / Multicast
Users / Streams	up to 15 Users / Live view up to 14 channels
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), HTTP API
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
Max Power Consumption	25.6W
Dimension (W x H x D)	160 x 160 x 280 mm (6.3 x 6.3 x 10.6 inches)
Weight	Approximately 2.5kg (5.51 lbs)

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