# COR-IP8SPD25

CORTEX®

## 8MP (4K) IP PoE Pan Tilt Zoom Camera with 25X Zoom, Advanced AI & Auto Tracking

MDS
MEDALLION SERIES®

## KEY FEATURES

- 8MP (4K) 3480(H) x 2160(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 | 1/2.8" Progressive Scan CMOS |
| Max. Resolution | 8MP 3480(H) x 2160(V) |
| Min. Illumination | Color: 0.007 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 / 16X Digital |
| ***LENS** | |
| Focal Length (Zoom Ratio) | 5 - 125mm Motorized Varifocal Lens |
| Max. Aperture Ratio | F No. 1.6 |
| Angular Field of View | Horizontal: 8.9° - 59.9° (tele - wide)<br>Vertical: 4.8° - 34.4° (tele - wide)<br>Diagonal: 5.1° - 67.1°(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 | 16384Kbps ~ 16Mbps |
| Resolution | Mainstream @ 30fps 3840x2160, 3072x1728 2592x1944, 2592x1520, 2048x1536, 2304x1296, 1920x1080, 1280x720<br>Substeam @ 30fps 1280x720, 640x480, 320x240<br>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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