



AVC-NSZ81X25LW **AI**

NDA
COMPLIANT | CE | FC

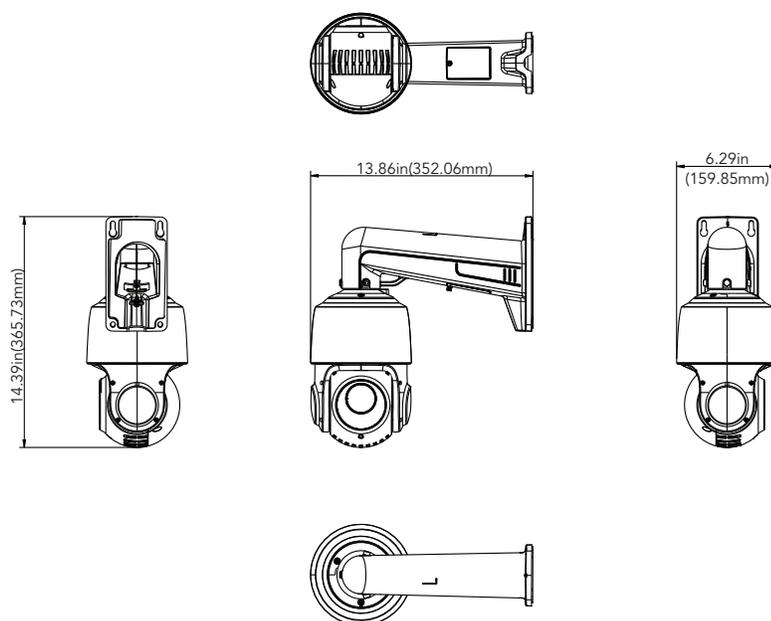
8MP 25X NETWORK IR SPEED DOME CAMERA

OVERVIEW

- 8MP (3840x2160) H.265+/H.264+/MJPEG
- Max. resolution: 3840x2160 @30fps
- 5 ~ 125mm Motorized Lens (Max F1.6)
- 3D DNR, WDR, HLC, BLC, ROI encoding
- Intelligent Analytics
- Auto Tracking
- Audio: 1 input / 1 output
- Alarm: 1 input / 1 output
- Built-in micro SD card slot with video and still image capture function (up to 512GB)
- IP66 ingress protection
- DC 12V/POE+, max. 25.2W
- Support remote monitoring by AVYCON ONE (Mobile APP) and AVYCON CMSONE (CMS)

DIMENSIONS

Unit : inch(mm)



OPTIONAL ACCESSORIES



AVM-PT-CMT-PM-L1
CEILING MOUNT



AVM-CRM-A1
CORNER
MOUNT BRACKET



AVM-P-POM-A2
POLE
MOUNT BRACKET



AVM-PT-TMT-T25
MOUNT ADAPTER



AVM-P-PWMT
PARAPET
MOUNT BRACKET

SPECIFICATIONS

| VIDEO | |
|-----------------------------------|---|
| Imaging Device | 1/2.8" Progressive Scan CMOS |
| Resolution | Main Stream: 3840x2160, 3072x1728, 2592x1944, 2592x1520, 2304x1296, 1920x1080, 1280x960, 1280x720 Sub Stream: 1280x720, 640x480, 320x240 Mobile Stream: 640x480, 320x240 |
| Max. Framerate | Main Stream: Max. 30fps/25fps (60Hz/50Hz) Sub Stream: Max. 30fps/25fps (60Hz/50Hz) Mobile Stream: Max. 30fps/25fps (60Hz/50Hz) |
| Min. Illumination | Color: 0.007 Lux @ (F1.6, AGC ON) B/W: 0 Lux with IR |
| Video Out | CVBS |
| LENS | |
| Focal Length (Zoom Ratio) | 5mm to 125mm |
| Max. Aperture Ratio | Max. F1.6 |
| Angular Field of View | Horizontal: 59.9°(W) ~ 8.9°(T), Vertical: 34.4°(W) ~ 4.8°(T), Diagonal: 67.1°(W) ~ 5.1°(T) |
| Min. Object Distance | 2.62ft (0.8M) (Wide) ~ 3.28ft (1M) (Tele) |
| Focus Control | Auto, manual |
| Lens Type | Motorized |
| PAN / TILT / ROTATE | |
| Pan / Tilt / Rotate Range | 360° / -10° to 90° (auto flip) |
| OPERATIONAL | |
| Camera Title | Title displayed up to 32 characters |
| Day & Night | AUTO (ICR) |
| Backlight Compensation | BLC, HLC, WDR |
| Digital Noise Reduction | 3D DNR |
| Digital Image Stabilization | N/A |
| Motion Detection | Rectangle Grid (8 Levels of Sensitivity) |
| Privacy Masking | 4 Rectangle Zones |
| Gain Control | AUTO |
| White Balance | AUTO / MANUAL |
| LDC | N/A |
| Electronic Shutter Speed | AUTO / Manual (1/5 ~ 1/20000s) |
| Video Rotation | Flip / Mirror |
| Analytics | Face Detection (FD), Pedestrian & Vehicle Detection (PD&VD), Intrusion Detection (ID), Line Crossing Detection (TD), Tripwire Counting (TC), Stationary Object Detection (OBJ), Heat Map (HM), Crowd Density Detection (CD), Queue Length Detection (QD), License Plate Detection (LPR), Rare Sound Detection (RSD), Region Entrance Detection, Region Exiting Detection, Loitering Detection |
| Alarm I/O | 1 input, 1 output |
| Alarm Triggers | Motion, Sound Detection |
| Alarm Events | Notification via E-mail, Image file upload via FTP, Video file upload via FTP, Image file upload to Cloud (Dropbox), Video file upload to Cloud (Dropbox), Micro SD recording at event triggered, Event Push via HTTP / UDP |
| Audio In | 1 input |
| Audio Out | 1 output |
| IR Viewable Length | IR Distance: up to 328ft(100m) |
| NETWORK | |
| Ethernet | RJ45(10/100BASE-T) |
| Video Compression | H.265+/H.265 Main Profile, H.264+/H.264 High Profile, MJPEG(Sub Stream Only) |
| Audio Compression | G.711a / G.711u |
| Bitrate Control | 16 kbps to 16384 kbps |
| Streaming | Unicast/Multicast |
| Protocol | IPv4/IPv6, HTTP, HTTPS, FTP, SMTP, UPnP, SNMP, DNS, DDNS, NTP, RTSP, TCP/IP, UDP, DHCP, PPPoE, RTMP (v8.2.3 firmware and above) |
| Security | Password protection, Complicated password, HTTPS encryption, IP address filter, Control timeout settings |
| Application Programming Interface | ONVIF Profile G/M/S/T, REST API |
| GENERAL | |
| Webpage Language | English, Korean |
| Edge Storage | Micro SD/SDHC/SDXC Slot (up to 512GB) with video and still image capture function |
| Memory | N/A |
| ENVIRONMENTAL & ELECTRICAL | |
| Operating Temperature / Humidity | -22 °F to 149 °F(-30 °C to 60 °C), Humidity 90% or less (non-condensing) |
| Storage Temperature / Humidity | |
| Certification | IP66 / NDA |
| Input Voltage | DC 12V/PoE+ |
| Power Consumption | Max. 25.2W (IR LED on) |
| MECHANICAL | |
| Color / Material | White / Metal |
| Product Dimensions / Weight | Ø 6.3in × 10.6in (Ø 160 mm × 270 mm) / 5.58lb.(2.53 kg) |
| DORI (EN62676-4 STANDARD) | |
| Detect (25PPM/ 8PPF) | |
| Observe (63PPM/ 19PPF) | |
| Recognize (125PPM/ 38PPF) | |
| Identify (250PPM/ 76PPF) | |