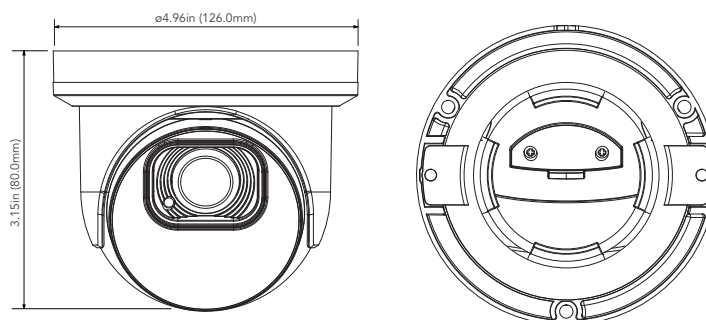# AVC-NLE51M

NDAA COMPLIANT | CE | FC

## 5MP H.265 MOTORIZED EYEBALL NETWORK CAMERA

## OVERVIEW

- 5MP (2592x1944) @ 20fps
- Max. Resolution: 2592x1944
- H.265/H.264, MJPEG (Substream Only) Encoding
- Day & Night AUTO ICR
- Motorized 2.7~13.5mm Lens (F1.8 (Wide)~3.3 (Tele))
- 3D DNR, D-WDR, BLC and ROI Encoding
- IP67 Ingress Protection
- Built-in micro SD card slot with video and still image capture function (up to 256GB)
- DC12V/PoE power supply
- Support remote monitoring by AVYCON ONE (Mobile APP) and AVYCON CMSONE (CMS)

## DIMENSIONS

Unit : inch(mm)



ø4.96in (126.0mm)

3.15in (80.0mm)

## OPTIONAL ACCESSORIES



| AVM-JB-BE-L1 | AVM-JB-DUAL-UL1 | AVM-CWM-EDV-L1 | AVM-HWM-E-L1 | AVM-HCM-E-L1 | AVM-CRM-A1 | AVM-POM-A1 | AVA-MICSPKSRN |
|---|---|---|---|---|---|---|---|
| JUNCTION BOX | DUAL JUNCTION BOX | COMPACT WALL MOUNT | WALL MOUNT WITH JUNCTION BOX | CEILING MOUNT WITH JUNCTION BOX | CORNER MOUNT BRACKET | POLE MOUNT BRACKET | AUDIBLE AND VISUAL ALARM DEVICE |

# SPECIFICATIONS

| | |
|---|---|
| **VIDEO** | |
| Imaging Device | 1/2.7" Progressive CMOS |
| Resolution | Main Stream: 2592x1944, 2560x1440, 2592x1520, 2304x1296, 1920x1080, 1280x960, 1280x720 |
| | Sub Stream: 1280x720, 640x480, 320x240 |
| | Mobile Stream: 320x240 |
| Max. Framerate | Main Stream: Max. 20fps/20fps (60Hz/50Hz) @ 5MP \| 30fps/25fps (60Hz/50Hz) @ 4MP |
| | Sub Stream: Max. 20fps (60Hz/50Hz) |
| | Mobile Stream: Max. 20fps (60Hz/50Hz) |
| Min. Illumination | Color: 0.004 lux @ F1.6 (AGC on) |
| | B/W: 0 lux (IR LED on) |
| Compression | Video: H.265/H.264 Main Profile, MJPEG (Sub Stream Only) |
| | Audio: G.711a / G.711u |
| Bitrate Control | CBR or VBR (256Kbps ~ 8Mbps) |
| **LENS** | |
| Focal Length (Zoom Ratio) | 2.7~13.5mm |
| Max. Aperture Ratio | F1.8 (Wide)~3.3 (Tele) |
| Angular Field of View | Horizontal: 102°(W)~31°(T), Vertical: 73°(W)~23°(T), Diagonal: 138°(W)~38°(T) |
| Min. Object Distance | 0.98ft (0.3M) |
| Focus Control | Simple Focus |
| Lens Type | Motorized (Ø14) |
| **PAN / TILT / ROTATE** | |
| Pan / Tilt / Rotate Adjustment | Manual Adjustment |
| **OPERATIONAL** | |
| Camera Title | Title Displayed up to 32 characters |
| Day & Night | AUTO (ICR) |
| Exposure Compensation | BLC, D-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 |
| Eletronic Shutter Speed | AUTO / Manual (1/5 ~ 1/20000s) |
| Video Rotation | Flip / Mirror |
| Analytics | N/A |
| Alarm I/O | 1 Input / 1 Output |
| Alarm Triggers | Motion, Alarm, 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), Alarm Out, Micro SD recording at event triggered, Event Push via HTTP / UDP |
| Audio In | 1 Line-In (RCA) |
| Audio Out | 1 Line-Out (RCA) |
| IR Viewable Length | 147ft (45M) |
| **NETWORK** | |
| Ethernet | RJ45 (10/100BASE-T) |
| Streaming | Unicast / Multicast |
| Protocol | TCP/IP, HTTP, DHCP, DNS, DDNS, RTP/RTSP, SMTP, NTP, UPnP, SNMP, HTTPS, FTP |
| Security | Login Authentication, IP Address Filtering, User access log |
| Application Programming Interface | ONVIF Profile S/G/T, REST API |
| **GENERAL** | |
| Webpage Language | English, Korean |
| Edge Storage | Micro SD/SDHC/SDXC Slot (up to 256GB) with video and still image capture function |
| Memory | N/A |
| **ENVIRONMENTAL & ELECTRICAL** | |
| Operating Temperature / Humidity | -31°~140°F (-35°~+60°C) / less than ≤ 95% RH |
| Storage Temperature / Humidity | |
| Certification | IP67 |
| Input Voltage | PoE (IEEE802.3at) / 12VDC |
| Power Consumption | Max. 4W (IR LED off), Max. 9W (IR LED on) |
| **MECHANICAL** | |
| Color / Material | White / Metal |
| Product Dimensions / Weight | Ø4.96x3.15in (126x80mm) / 1.83lbs (831g) |
| **DORI (EN62676-4-STANDARD)** | |
| Detect (25PPM / 8PPF) | |
| Observe (63PPM / 19PPF) | |
| Recognize (125PPM / 38PPF) | |
| Identify (250PPM / 76PPF) | |