



## AVC-NLE21M

NDA  
COMPLIANT | CE | FC

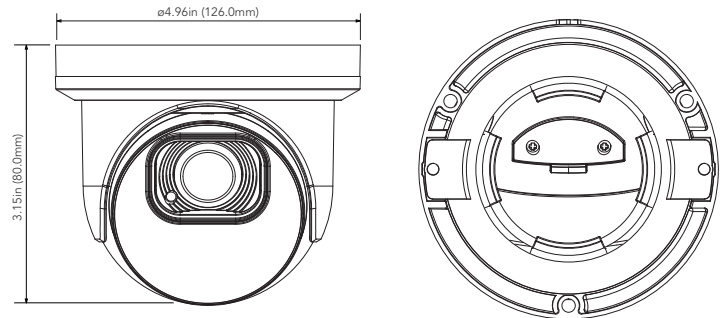
2MP H.265 MOTORIZED TURRET NETWORK CAMERA

### OVERVIEW

- 2MP (1920x1080) @ 30fps
- Max. resolution: 1920x1080
- Supports Smart H.265/H.264 Encoding
- Day & Night AUTO ICR
- Motorized 2.7~13.5mm Lens (F1.8(Wide) ~ 3.3(Tele))
- 3D DNR, D-WDR, HLC, BLC, ROI encoding
- Built-in micro SD card slot with video and still image capture function (up to 256GB)
- IP67 ingress protection
- DC12V/PoE power supply
- Support remote monitoring by AVYCON ONE (Mobile APP) and AVYCON CMSONE (CMS)

### DIMENSIONS

Unit : inch(mm)



### OPTIONAL ACCESSORIES



AVM-JB-BE-L1  
JUNCTION BOX



AVM-JB-DUAL-UL1  
DUAL JUNCTION BOX



AVM-CWM-EDV-L1  
COMPACT  
WALL MOUNT



AVM-HWM-E-L1  
WALL MOUNT  
WITH JUNCTION BOX



AVM-HCM-E-L1  
CEILING MOUNT  
WITH JUNCTION BOX



AVM-CRM-A1  
CORNER  
MOUNT BRACKET



AVM-P-POM-A2  
POLE  
MOUNT BRACKET



AVA-MICSPKSRN  
AUDIBLE AND VISUAL  
ALARM DEVICE

## SPECIFICATIONS

| VIDEO                             |                                                                                                                                 |
|-----------------------------------|---------------------------------------------------------------------------------------------------------------------------------|
| Imaging Device                    | 1/2.7" Progressive CMOS                                                                                                         |
| Resolution                        | Main Stream: 1920x1080<br>Sub Stream: 640x480                                                                                   |
| Max. Framerate                    | Main Stream: Max. 30fps/25fps (60Hz/50Hz)<br>Sub Stream: Max. 20fps (60Hz/50Hz)                                                 |
| Min. Illumination                 | Color: 0.006 lux @ F1.6 (AGC on)<br>B/W: 0 lux (IR LED on)                                                                      |
| Compression                       | Video: H.265/H.264 Main Profile<br>Audio: G.711a / G.711u                                                                       |
| Bitrate Control                   | CBR or VBR (256Kbps ~ 4Mbps)                                                                                                    |
| LENS                              |                                                                                                                                 |
| Focal Length (Zoom Ratio)         | 2.7~13.5mm Motorized                                                                                                            |
| Max. Aperture Ratio               | F1.8 (Wide)~3.3 (Tele)                                                                                                          |
| Angular Field of View             | Horizontal: 107°(W)~35°(T), Vertical: 54°(W)~20°(T), Diagonal: 133°(W)~40°(T)                                                   |
| Min. Object Distance              | 3.93ft (1.2M)                                                                                                                   |
| 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, HLC, 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                                                                                                                             |
| Electronic 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, Image file upload to Cloud (Dropbox), Micro SD recording at event triggered |
| 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, RTMP (v8.2.3 firmware and above)                    |
| 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. 3.5W (IR LED off)<br>Max. 8.5W (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)         |                                                                                                                                 |