

# HL-VDM2-2.8-12-01

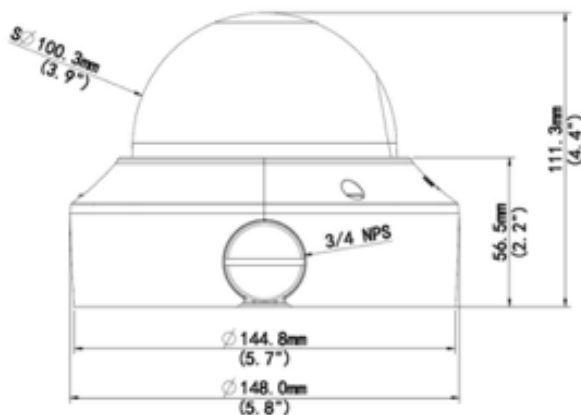
## 2MP WDR (Motorized)VF Vandal-resistant Network IR Fixed Dome Camera



### COMPRESSION

- Ultra 265, H.265, H.264, MJPEG
- Embedded smart algorithm
- Triple streams
- ROI (Region of Interest)
- 9:16 corridor mode

### DIMENSIONS



### KEY FEATURES

#### OPTICS

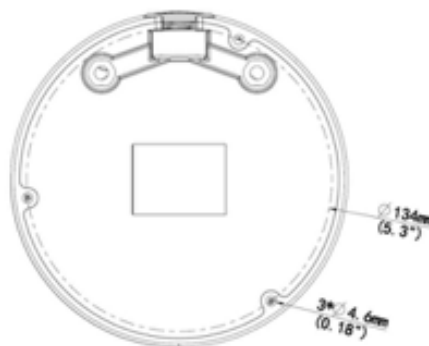
- Day/night functionality
- SmartIR, up to 30m (98 ft) IR distance
- Up to 120 dB OpticalWDR(Wide Dynamic Range)
- Lowlight surveillance
- 2D/3D DNR (Digital Noise Reduction)
- Built-in motorized lens for remote zoom

#### STRUCTURE

- Support PoE power supply
- Built-in PoE splitter that outputs DC 12V
- Wide temperature range: -40°C to 60°C (-40°F to 140°F)
- Wide voltage range of  $\pm 25\%$
- K10 vandal resistant
- IP67
- 3-Axis

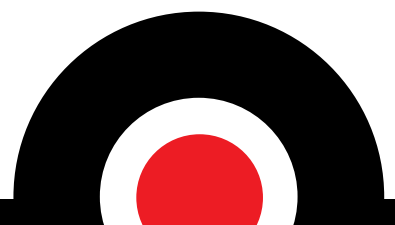
#### NETWORK

- ONVIF Conformance



DATASHEET: **HL-VDM2-2.8-12-01**

| Camera                     |                                                                                                                                                      |           |              |              |                 |
|----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|--------------|--------------|-----------------|
| Sensor                     | 1/2.8", progressive scan ,2.0 megapixel, CMOS                                                                                                        |           |              |              |                 |
| Lens                       | 2.8~12mm, AF automatic focusing and motorized zoom lens                                                                                              |           |              |              |                 |
| DORI Distance              | Lens                                                                                                                                                 | Detect(m) | Observe(m)   | Recognize(m) | Identify(m)     |
|                            | 2.8mm                                                                                                                                                |           |              |              |                 |
|                            | 12mm                                                                                                                                                 |           |              |              |                 |
| Angle of View (H)          | 94.0°~28°                                                                                                                                            |           |              |              |                 |
| Angle of View (V)          | 56.7°~14.4°                                                                                                                                          |           |              |              |                 |
| Angle of View (O)          | 122.2°~34.4°                                                                                                                                         |           |              |              |                 |
| Adjustment angle           | Pan: 0°~360°                                                                                                                                         |           | Tilt: 0°~80° |              | Rotate: 0°~360° |
| Shutter                    | Auto/Manual, 1~1/100000 s                                                                                                                            |           |              |              |                 |
| Minimum Illumination       | Colour: 0.001 Lux (F1.6, AGC ON)<br>0Lux with IR                                                                                                     |           |              |              |                 |
| Day/Night                  | IR-cut filter with auto switch (ICR)                                                                                                                 |           |              |              |                 |
| Digital noise reduction    | 2D/3D DNR                                                                                                                                            |           |              |              |                 |
| S/N                        | >52dB                                                                                                                                                |           |              |              |                 |
| IR Range                   | Up to 30m (98 ft) IR range                                                                                                                           |           |              |              |                 |
| Defog                      | Digital Defog                                                                                                                                        |           |              |              |                 |
| WDR                        | 120dB                                                                                                                                                |           |              |              |                 |
| Video                      |                                                                                                                                                      |           |              |              |                 |
| Video Compression          | Ultra 265, H.264, MJPEG                                                                                                                              |           |              |              |                 |
| H.264 code profile         | Baseline profile, Main Profile, High Profile                                                                                                         |           |              |              |                 |
| Frame Rate                 | Main Stream:2MP (1920×1080): Max. 30 fps;<br>Sub Stream:2MP (1920×1080): Max. 30 fps;<br>Third Stream:D1 (720×576): Max. 30 fps                      |           |              |              |                 |
| HLC                        | Supported                                                                                                                                            |           |              |              |                 |
| BLC                        | Supported                                                                                                                                            |           |              |              |                 |
| 9:16 Corridor Mode         | Supported                                                                                                                                            |           |              |              |                 |
| OSD                        | Up to 8 OSDs                                                                                                                                         |           |              |              |                 |
| Privacy Mask               | Up to 8 areas                                                                                                                                        |           |              |              |                 |
| ROI                        | Up to 8 areas                                                                                                                                        |           |              |              |                 |
| Motion Detection           | Up to 4 areas                                                                                                                                        |           |              |              |                 |
| Smart                      |                                                                                                                                                      |           |              |              |                 |
| Behavior Detection         | Intrusion, cross line, motion detection                                                                                                              |           |              |              |                 |
| Intrusion                  | Enter and loiter in a pre-defined virtual region                                                                                                     |           |              |              |                 |
| cross line                 | Cross a pre-defined virtual line                                                                                                                     |           |              |              |                 |
| motion detection           | Moving within a pre-defined virtual region                                                                                                           |           |              |              |                 |
| Recognition                | Face detection、 Audio detection                                                                                                                      |           |              |              |                 |
| Intelligent Identification | Defocus, Scene Change, Object Left, Object Moving                                                                                                    |           |              |              |                 |
| Statistical Analysis       | People counting                                                                                                                                      |           |              |              |                 |
| General Function           | Watermark, IP Address Filtering, Tampering Alarm, Alarm input, Alarm output, Access Policy, ARP Protection, RTSP Authentication, User Authentication |           |              |              |                 |





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|                                 |                                                                                                                           |
|---------------------------------|---------------------------------------------------------------------------------------------------------------------------|
| Audio                           |                                                                                                                           |
| Audio Compression               | G.711                                                                                                                     |
| Two-way audio                   | Supported                                                                                                                 |
| Suppression                     | Supported                                                                                                                 |
| Sampling Rate                   | 8 KHZ                                                                                                                     |
| Storage                         |                                                                                                                           |
| Edge Storage                    | Micro SD, up to 128GB                                                                                                     |
| Network Storage                 | ANR                                                                                                                       |
| Network                         |                                                                                                                           |
| Protocols                       | IPv4, IGMP, ICMP, ARP, TCP, UDP, DHCP, PPPoE, RTP, RTSP, RTCP, DNS, DDNS, NTP, FTP, UPnP, HTTP, HTTPS, SMTP, 802.1x, SNMP |
| Compatible Integration          | ONVIF(Profile S, Profile G), API                                                                                          |
| Interface                       |                                                                                                                           |
| Audio I/O                       | Audio cable                                                                                                               |
|                                 | Input: impedance 35 k $\Omega$ ; amplitude 2 V [p-p]                                                                      |
|                                 | Output: impedance 600 $\Omega$ ; amplitude 2 V [p-p]                                                                      |
| Alarm I/O                       | 1/ 1                                                                                                                      |
| Network                         | 1 RJ45 10M/100M Base-TX Ethernet                                                                                          |
| Video Output                    | 1 BNC, impedance 75 $\Omega$ ; amplitude 1 V [p-p]                                                                        |
| General                         |                                                                                                                           |
| Power                           | DC12V $\pm$ 25%, PoE (IEEE802.3 af)                                                                                       |
|                                 | Power consumption: Max.7.2 W                                                                                              |
| Dimensions ( $\varnothing$ x H) | $\varnothing$ 148 x 111.3 mm ( $\varnothing$ 5.8" x 4.4")                                                                 |
| Weight                          | 0.92 kg (2.0 lb)                                                                                                          |
| Working Environment             | -40°C ~ +60°C (-40°F ~ 140°F), Humidity :10%~90% RH(non-condensing)                                                       |
| Ingress Protection              | IP67                                                                                                                      |
| Vandal Resistant                | IK10                                                                                                                      |
| Reset Button                    | Supported                                                                                                                 |

