

## 8 MP Network Dome Camera



### Key Features

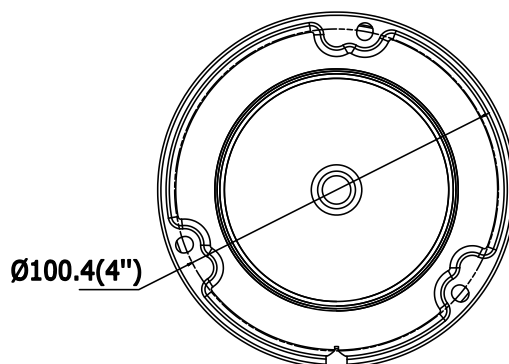
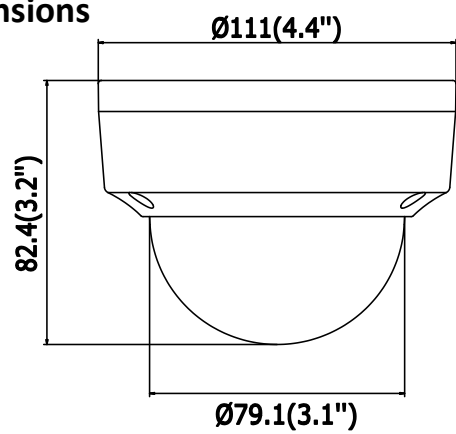
- Up to 8 megapixel high resolution
- Max. 3840 × 2160 @20fps
- 2.8 mm fixed lens
- H.265, H.265+, H.264+, H.264
- 120dB Wide Dynamic Range
- 3D Digital Noise Reduction
- 12 VDC & PoE (802.3af)
- IR range: up to 30 m
- Support on-board storage, up to 128 GB
- Audio I/O, Alarm I/O, optional
- IP67, IK10
- 3-axis adjustment

## Specification

| <b>Camera</b>               |  |
|-----------------------------|--|
| Image Sensor                | 1/2.5" Progressive Scan CMOS   |
| Min. Illumination           | Color: 0.01 lux @(F1.2, AGC ON), 0 lux with IR   |
| Shutter Speed               | 1/3 s to 1/100,000 s   |
| Slow Shutter                | Support  |
| Lens                        | 2.8 mm, horizontal field of view: 102°   |
| Lens Mount                  | M12  |
| Iris                        | Manual   |
| Day & Night                 | IR cut filter  |
| DNR                         | 3D DNR   |
| Wide Dynamic Range          | 120dB  |
| 3-Axis Adjustment           | Pan: 0° to 355° , tilt: 0° to 75°, rotate: 0° to 355°  |
| <b>Compression Standard</b> |  |
| Video Compression           | Main stream: H.265/H.264<br>Sub stream: H.265/H.264/MJPEG<br>Third stream: H.265/H.264   |
| H.264 Type                  | Main Profile/High Profile  |
| H.264+                      | Support  |
| H.265 Type                  | Main Profile   |
| H.265+                      | Support  |
| Video Bit Rate              | 32 Kbps to 16 Mbps   |
| Audio Compression (-S)      | G.711/G.722.1/G.726/MP2L2  |
| Audio Bit Rate (-S)         | 64Kbps(G.711)/16Kbps(G.722.1)/16Kbps(G.726)/32-128Kbps(MP2L2)  |
| <b>Image</b>                |  |
| Max. Resolution             | 3840 × 2160  |
| Main Stream                 | 50Hz: 20 fps (3840 × 2160), 25 fps (2560 × 1920, 2560 × 1440, 1920 × 1080, 1280 × 720)<br>60Hz: 20 fps (3840 × 2160), 30 fps (2560 × 1920, 2560 × 1440, 1920 × 1080, 1280 × 720) |
| Sub Stream                  | 50Hz: 25fps (640 × 360, 352 × 288)<br>60Hz: 30fps (640 × 360, 352 × 240)   |
| Third Stream                | 50Hz: 25fps (1280 × 720, 640 × 360, 352 × 288)<br>60Hz: 30fps (1280 × 720, 640 × 360, 352 × 240)   |
| Image Enhancement           | BLC/3D DNR   |
| Image Settings              | Support rotate mode. Brightness, contrast, saturation, and sharpness are adjustable via web browser and client software  |
| ROI (Region of Interest)    | Support 1 fixed region for mainstream and sub stream separately  |
| Day/Night Switch            | Auto/Scheduled/Alarm Triggered (-S)  |
| <b>Audio (-S)</b>           |  |
| Environment Noise Filtering | Support  |
| Audio I/O                   | Support, mono soundtrack   |
| Sampling Rate               | 16 kHz   |

| <b>Network</b>               |  |
|------------------------------|--|
| Network Storage              | Support microSD/SDHC/SDXC card (128G) local storage; NAS (NFS,SMB/CIFS), ANR   |
| Alarm Trigger                | Motion Detection, Tampering Alarm, Network Disconnected, IP Address Conflict, Illegal Login, HDD full, HDD error             |
| Protocols                    | TCP/IP, UDP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, NTP, UPnP, SMTP, SNMP, IGMP, 802.1X, QoS, IPv6 |
| Standard                     | ONVIF (PROFILE S, PROFILE G), PSIA, CGI, ISAPI   |
| General Function             | One-key Reset, Anti-Flicker, Heartbeat, Mirror, Password Protection, Privacy Mask, Watermark, IP Address Filter              |
| <b>Interface</b>             |  |
| Communication Interface      | 1 RJ45 10M/100M self-adaptive Ethernet port  |
| Audio (-S)                   | 1 audio input (line in), 1 audio output interface  |
| Alarm (-S)                   | 1 alarm input, 1 alarm output  |
| On-board Storage             | Built-in microSD/SDHC/SDXC slot, up to 128 GB  |
| <b>Smart Feature-set</b>     |  |
| Behavior Analysis            | Line crossing detection, intrusion detection, unattended baggage detection, object removal detection                         |
| Line Crossing Detection      | Cross a pre-defined virtual line, up to 1 pre-defined virtual lines supported  |
| Intrusion Detection          | Enter and loiter in a pre-defined virtual region, up to 1 pre-defined virtual regions supported                              |
| Object Removal Detection     | Objects removed from the pre-defined region, such as the exhibits on display.  |
| Unattended Baggage Detection | Objects left over in the pre-defined region such as the baggage, purse, dangerous materials                                  |
| Face Detection               | Human face appears in the image can be detected and trigger linkage method   |
| <b>General</b>               |  |
| Operating Conditions         | -30 °C to +60 °C ( -22 °F to +140 °F), Humidity 95% or less (non -condensing)  |
| Power Supply                 | 12 VDC± 25%, 6.2W<br>PoE(802.3af, class 3), 9W   |
| IR Range                     | Up to 30 m   |
| Protection Level             | IP67, IK10   |
| Dimensions                   | Camera: Φ 111 × 82.4 mm (Φ 4.4" × 3.2")<br>Package: 134 × 134 × 108 mm (5.27" × 5.27" × 4.25")                               |
| Weight                       | Camera: 500 g (1.1 lb.)  |

## Dimensions



Unit: mm

## Accessories



Junction box