



Network

Dome

QND-8012

5M H.265 Dome Camera(Q mini)



Key Features

- Max. 5Megapixel (2592 x 1944) resolution
- 4.0mm fixed lens
- 0.15Lux (Color), WDR (120dB)
- Max. 30fps@5MP (H.265 / H.264)
- H.265, H.264, MJPEG codec support, Multiple streaming
- Tampering, Motion detection, Defocus detection
- Micro SD / SDHC / SDXC memory slot (Max. 128GB)
- Hallway view, WiseStream II support
- LDC, PoE

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Specifications

| | |
|---------------------------|--|
| Video | |
| Imaging Device | 1/2.8" CMOS |
| Resolution | 5MP mode : 2592x1944, 1920x1080, 1280x960, 1280x720, 800x600, 800x448, 720x576, 720x480, 640x480, 640x360, 320x240 4MP mode : 2560x1440, 1920x1080, 1280x960, 1280x720, 800x600, 800x448, 720x576, 720x480, 640x480, 640x360, 320x240 |
| Max. Framerate | H.265/H.264: Max. 30fps/25fps(60Hz/50Hz) MJPEG: Max. 15fps(@5MP Max. 2fps) |
| Min. Illumination | Color: 0.15Lux(F2.0, 1/30sec, 30IRE) BW: 0.15Lux(F2.0, 1/30sec, 30IRE) |
| Video Out | micro HDMI: 1080p@30/25fps(60/50Hz) |
| Lens | |
| Focal Length (Zoom Ratio) | 2.8mm fixed focal |
| Max. Aperture Ratio | F2.0 |
| Angular Field of View | H: 105° / V: 77° / D: 137° |
| Focus Control | Fixed |
| Pan / Tilt / Rotate | |
| Pan / Tilt / Rotate Range | 0°~350° / 0°~69° / 0°~355° |
| Operational | |
| Camera Title | Displayed up to 85 characters |
| Day & Night | Auto(Electrical) |
| Backlight Compensation | BLC, WDR, SSDR |
| Wide Dynamic Range | 120dB |
| Digital Noise Reduction | SSNR |
| Motion Detection | 4ea, polygonal zones |
| Privacy Masking | 6ea, rectangular zones |
| Gain Control | Low / Middle / High |
| White Balance | ATW / AWC / Manual / Indoor / Outdoor |
| LDC | Support |
| Electronic Shutter Speed | Minimum / Maximum / Anti flicker (1/5~1/12,000sec) |
| Video Rotation | Flip, Mirror, Hallway view(90°/270°) |
| Analytics | Defocus detection, Motion detection, Tampering |
| Business Intelligence | People counting |
| Alarm Triggers | Analytics, Network disconnect |
| Alarm Events | When alarm trigger occurred - File upload(image): e-mail/FTP - Notification: e-mail - Recording: SD/SDHC/SDXC or NAS recording at event triggers - Handover: PTZ preset |

Design and specifications are subject to change without notice. The latest product information / specification can be found at HanwhaVision.com

Hanwha Vision is formerly known as Hanwha Techwin.

| | |
|-----------------------------------|--|
| Network | |
| Ethernet | RJ-45(10/100BASE-T) |
| Video Compression | H.265/H.264: Main/High, MJPEG |
| Smart Codec | WiseStream II |
| Bitrate Control | H.264/H.265: CBR or VBR MJPEG: VBR |
| Streaming | Unicast(6 users) / Multicast Multiple streaming(Up to 3 profiles) |
| Protocol | IPv4, IPv6, TCP/IP, UDP/IP, RTP(UDP), RTP(TCP), RTCP, RTSP, NTP, HTTP, HTTPS, SSL/TLS, DHCP, FTP, SMTP, ICMP, IGMP, SNMPv1/v2c/v3(MIB-2), ARP, DNS, DDNS, QoS, UPnP, Bonjour, LLDP |
| Application Programming Interface | ONVIF Profile S/G/T SUNAPI(HTTP API) Wisenet open platform |

| | |
|------------------------|---|
| Security | |
| OS / Firmware Protect | Firmware encryption |
| User authentication | Digest Authentication, Prevent brute-force attack |
| Network authentication | 802.1X Authentication(EAP-TLS, EAP-LEAP, EAP-PEAP MSCHAPv2) |
| Secure Communication | HTTPS, SRTP, WSS(Websocket secure) |
| Access Control | Access control based on IP address |
| Data Protect | Authentication information encryption, ZIP compression encryption |
| Audit | User Access/System/Event log management |
| Device ID | Device Certificate(Hanwha Private Root CA) |
| Secure Storage | SDcard partition encrypt |

| | |
|------------------|---|
| General | |
| Webpage Language | English, Korean, Chinese, French, Italian, Spanish, German, Japanese, Russian, Swedish, Portuguese, Czech, Polish, Turkish, Dutch |
| Edge Storage | Micro SD/SDHC/SDXC 1slot 128GB |
| Memory | 1024MB RAM, 256MB Flash |

| | |
|----------------------------------|--|
| Environmental & Electrical | |
| Operating Temperature / Humidity | -10°C~+40°C(+14°F~+104°F) / 0~90% RH(non-condensing) |
| Storage Temperature / Humidity | -30°C~+60°C(-22°F~+140°F) / 0~90% RH |
| Certification | IP42, IK08 |
| Input Voltage | PoE(IEEE802.3af, Class2) |
| Power Consumption | PoE: Max 5.00W, typical 4.00W |

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|-----------------------------|--|
| Mechanical | |
| Color / Material | White / Plastic |
| RAL Code | RAL9003 |
| Product Dimensions / Weight | ø99.0x56.0mm(ø3.9x2.2"), 165g(0.36 lb) |
| Hanging Mount (Dome) | SBP-099HMW |

| | |
|---------------------------|----------------|
| DORI (EN62676-4 standard) | |
| Detect (25PPM/ 8PPF) | 40.2m(12.26ft) |
| Observe (63PPM/ 19PPF) | 16.1m(4.90ft) |
| Recognize (125PPM/ 38PPF) | 8.0m(2.45ft) |
| Identify (250PPM/ 76PPF) | 4.0m(1.23ft) |

QND-8012

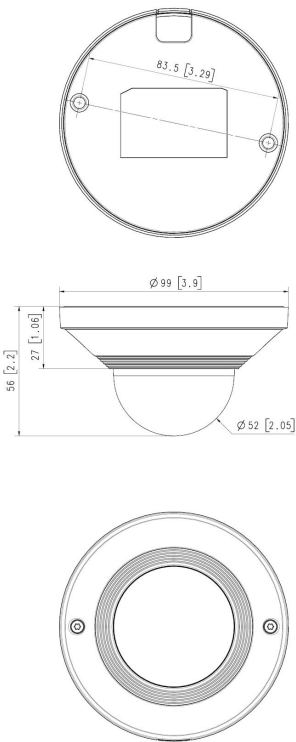
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CAD

Unit:mm [inch]



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|-------------------------|-------------------------|---|
| 2 | QND-8012,8022 | '23.12.29 |
| 1 | QND-6011,6021,8011,8021 | '19.03.12 |
| No. | MODEL NAME | DATE |
| Unit:mm[inch] SCALE:1/1 | |  Hanwha Vision |

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