**Hanwha Vision**

Network  Dome

# XND-L6080R

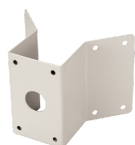## 2M H.265 IR Dome Camera

FC | c(UL)us LISTED | CE | EAC | NDAA

## Key Features

- Max. 2megapixel (1920 x 1080) resolution
- 3.2 ~ 10mm (3.1x) motorized varifocal lens
- Max. 60fps@all resolutions (H.265 / H.264)
- H.265, H.264, MJPEG codec supported, Multiple streaming
- Day & Night (ICR), WDR (120dB),Motion Detection, Handover
- Tampering, Defocus detection, Defog
- SD/SDHC/SDXC memory slot (Max. 256GB)
- Hallway view, WiseStreamII support
- IR viewable length 20m
- IK08, PoE support
- Material : Plastic

## Compatible Accessories (Optional)

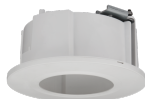| SBP-300PM | SBP-300KM | SBP-300WM1 | SBP-300LM | SBP-390WM2 | SBP-300HM8 | SBP-300CM |

| SBP-300B | SHD-1408FW | SBP-300WM | SBP-300NB |

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# XND-L6080R
## 2M H.265 IR Dome Camera

## Specifications

### Video

| | |
|---|---|
| Imaging Device | 1/2.8" 2MP CMOS |
| Resolution | 1920x1080, 1280x1024, 1280x960, 1280x720, 1024x768, 800x600, 800x448, 720x576, 720x480, 640x480, 640x360, 320x240 |
| Max. Framerate | H.265/H.264: Max. 60fps/50fps(60Hz/50Hz)<br>MJPEG: Max. 30fps/25fps(60Hz/50Hz) |
| Min. Illumination | Color: 0.03Lux(F1.6, 1/30sec)<br>BW: 0Lux(IR LED on) |
| Video Out | CVBS: 1.0 Vp-p / 75Ω composite, 720x480(N), 720x576(P) for installation<br>USB: Micro USB Type B, 1280x720 for installation |

### Lens

| | |
|---|---|
| Focal Length (Zoom Ratio) | 3.2~10mm(3.1x) motorized varifocal |
| Max. Aperture Ratio | F1.6(Wide)~F2.9(Tele) |
| Angular Field of View | H: 109.0°(Wide)~33.2°(Tele)<br>V: 57.4°(Wide)~18.7°(Tele)<br>D: 132.0°(Wide)~38.0°(Tele) |
| Min. Object Distance | 0.5m(1.64ft) |
| Focus Control | Simple focus |
| Lens Type | DC auto iris |

### Pan / Tilt / Rotate

| | |
|---|---|
| Pan / Tilt / Rotate Range | 0-~354- / 0-~67- / 0-~355- |

### Operational

| | |
|---|---|
| Camera Title | Displayed up to 85 characters |
| Day & Night | Auto(ICR) |
| Backlight Compensation | BLC, HLC, WDR, SSDR |
| Wide Dynamic Range | extremeWDR (120dB) |
| Digital Noise Reduction | SSNR V |
| Digital Image Stabilization | Support |
| Defog | Support |
| Motion Detection | 8ea, 8point Polygonal zones |
| Privacy Masking | 32ea, 4point quadrangle zones<br>- Color: Grey/Green/Red/Blue/Black/White<br>- Mosaic |
| Gain Control | Low / Middle / High |
| White Balance | ATW / AWC / Manual / Indoor / Outdoor |
| LDC | Support |
| Electronic Shutter Speed | Minimum / Maximum / Anti flicker (2~1/12,000sec) |
| Video Rotation | Flip, Mirror, Hallway view(90°/270°) |

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.

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| Analytics | Defocus detection, Motion detection, Tampering |
|---|---|
| Alarm Triggers | Analytics, Network disconnect |
| Alarm Events | File upload via FTP and e-mail<br>Notification via e-mail<br>SD/SDHC/SDXC or NAS recording at event triggers<br>Handover |
| IR Viewable Length | 30m(98.42ft) |

### Network

| Ethernet | RJ-45(10/100BASE-T) |
|---|---|
| Video Compression | H.265/H.264: Main/Baseline/High, MJPEG |
| Smart Codec | Manual(5ea area), WiseStream II |
| Bitrate Control | H.264/H.265: CBR or VBR<br>MJPEG: VBR |
| Streaming | Unicast(20 users) / Multicast<br>Multiple streaming(Up to 5 profiles) |
| Protocol | IPv4, IPv6, TCP/IP, UDP/IP, RTP(UDP), RTP(TCP), RTCP,RTSP, NTP, HTTP, HTTPS, SSL/TLS, DHCP, FTP,<br>SMTP, ICMP, IGMP, SNMPv1/v2c/v3(MIB-2), ARP, DNS, DDNS, QoS, PIM-SM, UPnP, Bonjour |
| Security | HTTPS(SSL) Login Authentication<br>Digest Login Authentication<br>IP Address Filtering<br>User access Log<br>802.1X Authentication(EAP-TLS, EAP-LEAP) |
| Application Programming Interface | ONVIF Profile S/G<br>SUNAPI(HTTP API)<br>Wisenet open platform |

### General

| Webpage Language | English, Korean, Chinese, French, Italian, Spanish, German, Japanese, Russian, Swedish, Portuguese,<br>Czech, Polish, Turkish, Dutch |
|---|---|
| Edge Storage | Micro SD/SDHC/SDXC 1slot 512GB |
| Memory | 1024MB RAM, 512MB Flash |

### Environmental & Electrical

| Operating Temperature / Humidity | -10°C ~ +55°C(14°F ~ +131°F) / Less than 90% RH |
|---|---|
| Storage Temperature / Humidity | -50°C ~ +60°C(-58°F ~ +140°F) / Less than 90% RH |
| Certification | IK08 |
| Input Voltage | PoE(IEEE802.3af, Class3) |
| Power Consumption | PoE: Max. 8W, typical 4W |

### Mechanical

| Color / Material | Ivory / Plastic |
|---|---|
| Product Dimensions / Weight | Ø140.8x113.0mm(Ø5.54x4.45"), 580g(1.28 lb) |

### DORI (EN62676-4 standard)

| Detect (25PPM/ 8PPF) | Wide: 27.4m(89.86ft) / Tele: 128.8m(422.61ft) |
|---|---|
| Observe (63PPM/ 19PPF) | Wide: 11.0m(35.95ft) / Tele: 51.5m(169.04ft) |
| Recognize (125PPM/ 38PPF) | Wide: 5.5m(17.97ft) / Tele: 25.8m(84.52ft) |
| Identify (250PPM/ 76PPF) | Wide: 2.7m(8.99ft) / Tele: 12.9m(42.26ft) |

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# XND-L6080R

2M H.265 IR Dome Camera

## CAD

**Unit:** mm [inch]



120 (4.72")

⌀ 140.8 (5.54")

113 (4.45")

64 (2.52")

⌀ 100 (3.94")