



Network

Dome

# XND-6080

2M H.265 Dome Camera



## Key Features

- 2.8 ~ 12mm (4.3x) motorized varifocal lens
- Max. 60fps@all resolutions (H.265/H.264)
- Day & Night (ICR), WDR(150dB), Defog
- Loitering, Directional detection, Fog detection
- Digital auto tracking, Sound classification, Tampering
- Motion detection, Handover
- Dual slots (Max. 512GB)
- Hallway view, WiseStream II support, IK08

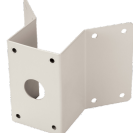
## Compatible Accessories (Optional)



SBP-300CM



SBP-300PM



SBP-300KM



SBP-300WM1



SBP-300LM



SBP-390WM2



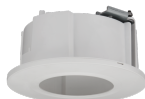
SBP-300HM8



SBP-300WM



SBP-300B



SHD-1408FW



SBP-300NB

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## 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: 0.015 lux(F1.4, 1./30sec)<br>B/W: 0.0015 Lux (F1.4, 1./30sec)  |
| 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) | 2.8~12mm(4.3x) motorized varifocal   |
| Max. Aperture Ratio       | F1.4(Wide) ~ F3.6(Tele)  |
| Angular Field of View     | H: 119.5°(Wide) ~ 27.9°(Tele), V: 62.8°(Wide) ~ 15.7°(Tele), T: 142.1°(Wide) ~ 32.0°(Tele) |
| Min. Object Distance      | 0.5m(1.64ft)   |
| Focus Control             | Simple focus   |
| Lens Type                 | DC auto iris, P 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, DWDR, SDR  |
| Wide Dynamic Range          | 150dB   |
| Digital Noise Reduction     | SSNR V  |
| Digital Image Stabilization | Support   |
| Defog                       | Support   |
| Motion Detection            | 8ea, 8point polygonal zones   |
| Privacy Masking             | 32ea, polygonal 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°)  |

|                       |   |
|-----------------------|---|
| Analytics             | Defocus detection, Directional detection, Fog detection, Face detection, Motion detection, Digital auto tracking, Appear/Disappear, Enter/Exit, Loitering, Tampering, Virtual line, Audio detection, Sound classification |
| Business Intelligence | Not support   |
| Serial Interface      | Not support   |
| Alarm I/O             | Input 1ea / Output 1ea  |
| Alarm Triggers        | Analytics, Network disconnect, Alarm input  |
| 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>Alarm output<br>Handover  |
| Audio In              | Selectable(Mic in/Line in, Built-in mic),<br>Supply voltage: 2.5VDC(4mA), Input impedance: 2K Ohm   |
| Audio Out             | Line out, Max. output level: 1Vrms  |
| IR Viewable Length    | Not support   |

### Network

|                                   |  |
|-----------------------------------|--|
| Ethernet                          | RJ-45(10/100BASE-T)  |
| Video Compression                 | H.265/H.264: Main/Baseline/High, MJPEG   |
| Audio Compression                 | G.711 u-law /G.726 Selectable<br>G.726(ADPCM) 8KHz, G.711 8KHz<br>G.726 : 16Kbps, 24Kbps, 32Kbps, 40Kbps<br>AAC-LC : 48Kbps at 16KHz   |
| Smart Codec                       | Manual(5ea area)<br>WiseStream II  |
| Bitrate Control                   | H.264/H.265: CBR or VBR<br>MJPEG: VBR  |
| Streaming                         | Unicast(20 users) / Multicast<br>Multiple streaming(Up to 10 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, PIM-SM, UPnP, Bonjour, LLDP, SRTP |
| 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/T<br>SUNAPI(HTTP API)<br>Wisenet open platform   |

### General

|              |   |
|--------------|---|
| Web Viewer   | Supported OS: Windows 7, 8.1, 10, Mac OS X 10.10, 10.11, 10.12<br>Recommended Browser: Google Chrome<br>Supported Browser: MS Explore11, MS Edge, Mozilla Firefox(Window 64bit only), Apple Safari(Mac OS X only) |
| Edge Storage | Micro SD/SDHC/SDXC 2slot 512GB  |
| Memory       | 1024MB RAM, 256MB 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), 12VDC                  |
| Power Consumption                | PoE : Max 6.5W<br>12VDC : Max 6W                 |

### Mechanical

Design and specifications are subject to change without notice. The latest product information / specification can be found at [HanwhaVision.com](http://HanwhaVision.com).

Hanwha Vision is formerly known as Hanwha Techwin.

|                             |  |
|-----------------------------|--|
| Color / Material            | Ivory / Plastic                            |
| Product Dimensions / Weight | Ø140.8x113.0mm(Ø5.54x4.45"), 610g(1.34 lb) |

# XND-6080

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CAD

Unit:mm [inch]

This parts should not contain any substances which are specified in AIBO-0033K

