



Network

Dome

# XNV-8080R

5M H.265 IR Dome Camera



## Key Features

- 3.9 ~ 9.4mm (2.4x) motorized varifocal lens
- Max. 30fps@all resolutions (H.265/H.264)
- Loitering, Directional detection, Fog detection
- Digital auto tracking, Sound classification, Tampering
- Motion detection, Handover
- Dual SD slots (Max. 512GB)
- Hallway view, WiseStream II support
- IR viewable length 50m, IP67/IP66, NEMA 4X, IK10

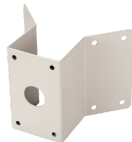
## Compatible Accessories (Optional)



SBP-300HM6



SBP-300PM



SBP-300KM



SBP-300WM1



SBP-300LM



SBP-390WM2



SBP-300CM



SBV-160WC



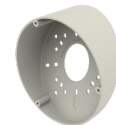
SHD-3000F1



SBP-300B



SHD-1600FPW



SBP-160TM



SBP-300WM



SPB-VAN3

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## Specifications

| Video                       |  |
|-----------------------------|--|
| Imaging Device              | 1/1.8" 6MP CMOS  |
| Resolution                  | 2560x1920, 2560x1440, 1920x1080, 1600x1200, 1280x1024, 1280x960, 1280x720, 1024x768, 800x600, 800x448, 720x576, 720x480, 640x480, 640x360, 320x240 |
| Max. Framerate              | H.265/H.264: Max.30fps/25fps(60Hz/50Hz)<br>MJPEG: Max.30fps/25fps(60Hz/50Hz)   |
| Min. Illumination           | Color: 0.07Lux(F1.3, 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)   | 3.9~9.4mm(2.4x) motorized varifocal  |
| Max. Aperture Ratio         | F1.3   |
| Angular Field of View       | H: 92.1°(Wide)~38.7°(Tele) / V: 67.2°(Wide)~29.0°(Tele) / D: 119.9°(Wide)~48.6°(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  |
| Wide Dynamic Range          | 120dB  |
| Digital Noise Reduction     | SSNRV  |
| Digital Image Stabilization | Support(built-in gyro sensor)  |
| Defog                       | Support(built-in optical filter)   |
| 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 |
| 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  |
| Audio In                              | Selectable(mic in/line in),<br>Supply voltage: 2.5VDC(4mA), Input impedance: 2K Ohm   |
| Audio Out                             | Line out, Max.output level: 1Vrms   |
| IR Viewable Length                    | 50m(164.04ft)   |
| <b>Network</b>                        |   |
| 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 8/16/32/48KHz   |
| 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 10 profiles)  |
| Protocol                              | IPv4, IPv6, TCP/IP, UDP/IP, RTP(UDP), RTP(TCP), RTCP, RTSP, NTP, HTTP, HTTPS, SSL/TLS, DHCP, PPPoE, FTP, SMTP, ICMP, IGMP, SNMPv1/v2c/v3(MIB-2), ARP, DNS, DDNS, QoS, UPnP, Bonjour, SRTP (TCP, UDP Unicast)              |
| 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  |
| <b>General</b>                        |   |
| 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, Mozilla Firefox(Window 64bit only), Apple Safari(Mac OS X only)                 |
| Edge Storage                          | Micro SD/SDHC/SDXC 2slot 512GB  |
| Memory                                | 1024MB RAM, 256MB Flash   |
| <b>Environmental &amp; Electrical</b> |   |
| Operating Temperature / Humidity      | -40°C ~ +55°C(-40°F ~ +131°F) / Less than 90% RH  |
| Storage Temperature / Humidity        | -50°C ~ +60°C(-58°F ~ +140°F) / Less than 90% RH  |
| Certification                         | IP66/IP67, IK10, NEMA4X   |
| Input Voltage                         | PoE(IEEE802.3af, Class3), 24VAC, 12VDC  |
| Power Consumption                     | PoE: Max 12.95W<br>12VDC: Max 11.50W<br>24VAC: Max. 14.00W  |
| <b>Mechanical</b>                     |   |
| Color / Material                      | Ivory / Aluminum  |
| Product Dimensions / Weight           | Ø160.0x118.5mm(Ø6.3x4.67"), 1010g(2.23 lb)  |

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.

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CAD

Unit:mm [inch]

