





XNV-L6080R

2M H.265 IR Dome Camera











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), Defog
- Tampering, Defocus detection
- Motion Detection, Handover
- SD/SDHC/SDXC memory slot (Max. 256GB)
- Hallway view, WiseStreamII support
- IR viewable length 30m
- IP66, IK10, PoE support

Compatible Accessories (Optional)













SBP-300HM6

SBP-300CM

SBV-160WC

SBV-158G

SBP-300PM

SBP-300KM



















SBP-300LM

SBP-390WM2

SBP-300WM

SHD-3000F1

SBP-300B

SHD-1600FPW

SBP-160TM



XNV-L6080R

2M H.265 IR Dome Camera



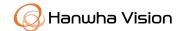




Specifications

Video Imaging Device 1/2.8" 2MP CMOS Resolution 1920s 1980, 1290s 1020, 1290s 1020s 1280s 1020s 1290s 1020s 1020		
Resolution 1920x1080.1280x1024, 1280x960, 1280x720, 1024x768, 800x600, 800x448, 720x576, 720x480, 640x480, 640x360, 320x240 Max. Framerate H.265x10.24 Max. 60x95x0fps(60Hz/50Hz) Min. Illumination Color: 0x0Lux[R.LED on) Wideo Out CVBS: 1.0 Vp. p / 75Ω composite, 720x480(N), 720x576(P) for installation Lens Video Out Eens VEDCAL (Length (Zoom Ratio) Socal 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) / V: 57.4°(Wide)-18.7°(Tele) / D: 132.0°(Wide)-38.0°(Tele) Min. Object Distance 0.5m(1.44ft) Focus Control Simple focus Lens Type DC auto iris Pan / Tilt / Rotate Pan / Tilt / Rotate Range Pan / Tilt / Rotate Range 0°-354*/0°-67*/0°-355* Operational Camera Title Day & Night AutolICR) Backlight Compensation BLC, HLC, WDR, SSDR Wide Dynamic Range 120d8 Digital Image Stabilization Support Defog Support Motion Detection 8ea. 8point polygonal	Video	
A40x480, 440x360, 320x240 Max. Framerate H.265/H.264* Max. 60fps/50fps(60Hz/50Hz) Min. Illumination Color 0.031ux/F1.6. 1/30sec) Ricux/RICED on USB: Micro USB Type B, 1280x720 for installation USB	Imaging Device	1/2.8" 2MP CMOS
Min. Illumination Color.0.03Lux(F1.6. 1/30sec) BW: OLux(IR LED on Debt. Color.0.03Lux(F1.6. 1/30sec) BC-BL Ength (20om Ratio) B2-2-10mm(3.1x) motorized varifocal BAX. Aperture Ratio Angular Field of View F1.66 (Wide)-F2.9 (Tele) BAX. Aperture Ratio B1.60 (Wide)-F2.9 (Tele) BAX. Aperture Ratio B1.60 (Wide)-F2.9 (Tele) B1.60 (Wide)-B1.70 (Wid	Resolution	
SW. OLUX (R. ED on) Video Out CVBS: 1.0 Vp.p / 75Ω composite, 720x480(N), 720x576(P) for installation CVBS: Micro USB Type B, 1280x720 for installation CVBS: Micro USB Type F1.6(Wide)-73.2*(Tele) / V: 57.4*(Wide)-18.7*(Tele) / D: 132.0*(Wide)-38.0*(Tele) CVBS: Micro USB Type CVBS: Mic	Max. Framerate	
Lens Focal Length (Zoom Ratio) 3.2-10nm(3.1x) motorized varifocal Max. Aperture Ratio F1.6(Wide)-F2.9(Tele) Angular Field of View H: 109.0°(Wide)-33.2°(Tele) / V: 57.4°(Wide)-18.7°(Tele) / 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 120dB Digital Noise Reduction SSNR V Digital Image Stabilization Support Motion Detection 8ea. 8point polygonal zones Privacy Masking 3ea. 8point polygonal zones Privacy Masking 1control 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 Figu. Mirror, Hallway view(90°/270°)	Min. Illumination	
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) / V: 57.4°(Wide)-18.7°(Tele) / D: 132.0°(Wide)-38.0°(Tele) Min. Object Distance O.5m(1.64ft) Focus Control Simple focus Lens Type DC auto iris Pan / Tilt / Rotate Pan / Tilt / Rotate Range O°-354° / O°-67° / O°-355° Operational Camera Title Displayed up to 85 characters Day & Night Auto(ICR) Backlight Compensation BLC, HLC, WDR, SSDR Wide Dynamic Range 120dB Digital Noise Reduction SSNR V Digital Image Stabilization Support Defog Support Defog Support Motion Detection Bea. 8point polygonal zones - Color: Grey/Green/Red/Blue/Black/White - Mosaic Gain Control Low / Middle / High White Balance ATW / AWC / Manual / Indoor / Outdoor LUC Support Electronic Shutter Speed Minimum / Maximum / Anti flicker(2-1/12,000sec) Video Rotation Simple focus Simple	Video Out	
Max. Aperture Ratio F1.6 (Wide) -F2.9 (Tele) Angular Field of View H: 109.0° (Wide) -33.2° (Tele) / V: 57.4° (Wide) -18.7° (Tele) / 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 120dB Digital Noise Reduction SSNR V Digital Image Stabilization Support Defog Support Motion Detection Bea. 8point polygonal zones - Color: Grey/Green/Red/Blue/Black/White - 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°)	Lens	
Angular Field of View H: 109.0°(Wide)~33.2°(Tele) / V: 57.4°(Wide)~18.7°(Tele) / 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 Day& Might Auto(ICR) Backlight Compensation BLC, HLC, WDR, SSDR Wide Dynamic Range 120dB Digital Noise Reduction SSNRV Digital Image Stabilization Support Motion Detection 8ea. 8point polygonal zones Privacy Masking 32ea. polygonal zones - Color: Grey/Green/Red/Blue/Black/White - Mosaic - 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°)	Focal Length (Zoom Ratio)	3.2~10mm(3.1x) motorized varifocal
Min. Object Distance Focus Control Simple focus Lens Type DC auto iris Pan / Tilt / Rotate Pan / Tilt / Rotate Range O°-354° / O°-67° / O°-355° Operational Camera Title Day & Night Auto (ICR) Backlight Compensation Bicklight Compensation Wide Dynamic Range Digital Noise Reduction Digital Image Stabilization Support Motion Detection Bea, 8 a, 8 point polygonal zones Privacy Masking Cain Control Low / Middle / High White Balance Low / Middle / High White Balance Loc Loc Support Electronic Shutter Speed Minimum / Maximum / Anti flicker (2-1/12,000sec) Video Rotation Fig. Mirror, Hallway view (90°/270°)	Max. Aperture Ratio	F1.6(Wide)~F2.9(Tele)
Focus Control Lens Type DC auto iris Pan / Tilt / Rotate Pan / Tilt / Rotate Range O°-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 120dB Digital Noise Reduction SSNR V Digital Image Stabilization Support Motion Detection Bea, 8point polygonal zones Privacy Masking 32ea, polygonal zones - Color: Grey/Green/Red/Blue/Black/White - Mosaic Gain Control Low / Middle / High White Balance LDC Support Electronic Shutter Speed Minimum / Maximum / Anti flicker(2~1/12,000sec) Video Rotation Simple focus Fivacy Masking Canton Minimum / Maximum / Anti flicker(2~1/12,000sec) Video Rotation Filp, Mirror, Hallway view(90°/270°)	Angular Field of View	H: 109.0°(Wide)~33.2°(Tele) / V: 57.4°(Wide)~18.7°(Tele) / D: 132.0°(Wide)~38.0°(Tele)
DC auto iris Pan / Tilt / Rotate Pan / Tilt / Rotate Range O°-354° / O°-67° / O°-355° Operational Camera Title Displayed up to 85 characters Day & Night Auto(ICR) Backlight Compensation BLC, HLC, WDR, SSDR Wide Dynamic Range 120dB Digital Noise Reduction SSNR V Digital Image Stabilization Support Motion Detection Bea, 8point polygonal zones Privacy Masking 32ea, polygonal zones - Color: Grey/Green/Red/Blue/Black/White - Mosaic Gain Control Low / Middle / High White Balance LDC Support Electronic Shutter Speed Minimum / Maximum / Anti flicker(2~1/12,000sec) Video Rotation Privacy (Sackation) Digital Image Stabilization BC auto (Color: Grey/Green) BC auto (Color: Grey/Gree	Min. Object Distance	0.5m(1.64ft)
Pan / Tilt / Rotate Pan / Tilt / Rotate Range O°-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 120dB Digital Noise Reduction SSNR V Digital Image Stabilization Support Defog Support Motion Detection Bea. 8point polygonal zones - Color: Grey/Green/Red/Blue/Black/White - Mosaic Gain Control Low / Middle / High White Balance LDC Support Electronic Shutter Speed Minimum / Maximum / Anti flicker(2-1/12,000sec) Video Rotation Filp, Mirror, Hallway view(90°/270°)	Focus Control	Simple focus
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 120dB Digital Noise Reduction SSNR V Digital Image Stabilization Support Defog Support Motion Detection Bea, 8 point polygonal zones Privacy Masking 32ea, polygonal zones - Color: Grey/Green/Red/Blue/Black/White - 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 Signature Security Security Signature (2~1/12,000sec) Flip, Mirror, Hallway view(90°/270°)	Lens Type	DC auto iris
Operational Camera Title Displayed up to 85 characters Day & Night Auto(ICR) Backlight Compensation BLC, HLC, WDR, SSDR Wide Dynamic Range 120dB Digital Noise Reduction SSNR V Digital Image Stabilization Support Defog Support Motion Detection 8ea, 8point polygonal zones Privacy Masking 32ea, polygonal zones - Color: Grey/Green/Red/Blue/Black/White - 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°)	Pan / Tilt / Rotate	
Camera Title Displayed up to 85 characters Day & Night Auto(ICR) Backlight Compensation BLC, HLC, WDR, SSDR Wide Dynamic Range 120dB Digital Noise Reduction SSNR V Digital Image Stabilization Support Defog Support Motion Detection Bea, 8 point polygonal zones Privacy Masking 23ea, polygonal zones 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 Fig. March Auto (Indoor / Store) Signal wine (90°/270°)	Pan / Tilt / Rotate Range	0°~354° / 0°~67° / 0°~355°
Day & Night Auto(ICR) Backlight Compensation BLC, HLC, WDR, SSDR Wide Dynamic Range 120dB Digital Noise Reduction SSNR V Digital Image Stabilization Support Defog Support Motion Detection Bea, 8point polygonal zones Privacy Masking 32ea, polygonal zones - Color: Grey/Green/Red/Blue/Black/White - 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 Fig. March And And Anti Mirror, Hallway view(90°/270°)	Operational	
Backlight CompensationBLC, HLC, WDR, SSDRWide Dynamic Range120dBDigital Noise ReductionSSNR VDigital Image StabilizationSupportDefogSupportMotion Detection8ea, 8point polygonal zonesPrivacy Masking32ea, polygonal zones - Color: Grey/Green/Red/Blue/Black/White - MosaicGain ControlLow / Middle / HighWhite BalanceATW / AWC / Manual / Indoor / OutdoorLDCSupportElectronic Shutter SpeedMinimum / Maximum / Anti flicker(2~1/12,000sec)Video RotationFlip, Mirror, Hallway view(90°/270°)	Camera Title	Displayed up to 85 characters
Wide Dynamic Range120dBDigital Noise ReductionSSNR VDigital Image StabilizationSupportDefogSupportMotion Detection8ea, 8point polygonal zonesPrivacy Masking32ea, polygonal zones - Color: Grey/Green/Red/Blue/Black/White - MosaicGain ControlLow / Middle / HighWhite BalanceATW / AWC / Manual / Indoor / OutdoorLDCSupportElectronic Shutter SpeedMinimum / Maximum / Anti flicker (2~1/12,000sec)Video RotationFlip, Mirror, Hallway view (90°/270°)	Day & Night	Auto(ICR)
Digital Noise ReductionSSNR VDigital Image StabilizationSupportDefogSupportMotion Detection8ea, 8point polygonal zonesPrivacy Masking32ea, polygonal zones - Color: Grey/Green/Red/Blue/Black/White - MosaicGain ControlLow / Middle / HighWhite BalanceATW / AWC / Manual / Indoor / OutdoorLDCSupportElectronic Shutter SpeedMinimum / Maximum / Anti flicker (2~1/12,000sec)Video RotationFlip, Mirror, Hallway view (90°/270°)	Backlight Compensation	BLC, HLC, WDR, SSDR
Digital Image Stabilization Support Motion Detection Bea, 8point polygonal zones Privacy Masking 32ea, polygonal zones - Color: Grey/Green/Red/Blue/Black/White - Mosaic Gain Control Low / Middle / High White Balance LDC Support Electronic Shutter Speed Minimum / Maximum / Anti flicker(2~1/12,000sec) Video Rotation Support	Wide Dynamic Range	120dB
Defog Support Motion Detection 8ea, 8point polygonal zones Privacy Masking 32ea, polygonal zones - Color: Grey/Green/Red/Blue/Black/White - 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°)	Digital Noise Reduction	SSNR V
Motion Detection 8ea, 8point polygonal zones Privacy Masking 32ea, polygonal zones - Color: Grey/Green/Red/Blue/Black/White - 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 8ea, 8point polygonal zones - Color: Grey/Green/Red/Blue/Black/White - Mosaic Low / Middle / High Low / Middle / High ATW / AWC / Manual / Indoor / Outdoor Support Electronic Shutter Speed Minimum / Maximum / Anti flicker(2~1/12,000sec) Video Rotation Flip, Mirror, Hallway view(90°/270°)	Digital Image Stabilization	Support
Privacy Masking 32ea, polygonal zones - Color: Grey/Green/Red/Blue/Black/White - 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 32ea, polygonal zones - Color: Grey/Green/Red/Blue/Black/White - Mosaic ATW / AWC / Manual / Indoor / Outdoor Support Electronic Shutter Speed Minimum / Maximum / Anti flicker(2~1/12,000sec) Video Rotation Flip, Mirror, Hallway view(90°/270°)	Defog	Support
- Color: Grey/Green/Red/Blue/Black/White - 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°)	Motion Detection	8ea, 8point polygonal zones
White Balance ATW / AWC / Manual / Indoor / Outdoor LDC Support Electronic Shutter Speed Minimum / Anti flicker (2~1/12,000sec) Video Rotation Flip, Mirror, Hallway view (90°/270°)	Privacy Masking	- Color: Grey/Green/Red/Blue/Black/White
LDCSupportElectronic Shutter SpeedMinimum / Maximum / Anti flicker(2~1/12,000sec)Video RotationFlip, Mirror, Hallway view(90°/270°)	Gain Control	Low / Middle / High
Electronic Shutter Speed Minimum / Maximum / Anti flicker(2~1/12,000sec) Video Rotation Flip, Mirror, Hallway view(90°/270°)	White Balance	ATW / AWC / Manual / Indoor / Outdoor
Video Rotation Flip, Mirror, Hallway view(90°/270°)	LDC	Support
	Electronic Shutter Speed	Minimum / Maximum / Anti flicker(2~1/12,000sec)
Analytics Defocus detection, Motion detection, Tampering	Video Rotation	Flip, Mirror, Hallway view(90°/270°)
	Analytics	Defocus detection, Motion detection, Tampering

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.



Alarm Triggers	Analytics, Network disconnect
Alarm Events	File upload via FTP and e-mail Notification via e-mail SD/SDHC/SDXC or NAS recording at event triggers 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 MJPEG: VBR
Streaming	Unicast(20 users) / Multicast 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, SMTP, ICMP, IGMP, SNMPv1/v2c/v3(MIB-2), ARP, DNS, DDNS, QoS, PIM-SM, UPnP, Bonjour
Security	HTTPS(SSL) Login Authentication Digest Login Authentication IP Address Filtering User access Log 802.1X Authentication(EAP-TLS, EAP-LEAP)
Application Programming Interface	ONVIF Profile S/G SUNAPI(HTTP API) Wisenet open platform
General	
Webpage Language	English, Korean, Chinese, French, Italian, Spanish, German, Japanese, Russian, Swedish, Portuguese, Czech, Polish, Turkish, Dutch
Web Viewer	Supported OS: Windows 7, 8.1, 10, Mac OS X 10.10, 10.11, 10.12 Recommended Browser: Google Chrome Supported Browser: MS Explore11, MS Edge, Mozilla Firefox(Window 64bit only), Apple Safari(Mac OS X only)
Edge Storage	Micro SD/SDHC/SDXC 1slot 256GB
Memory	1024MB RAM, 256MB Flash
Environmental & Electrical	
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, IK10
Input Voltage	PoE(IEEE802.3af, Class3)
Power Consumption	PoE: Max. 11W, typical 5W
Mechanical	PoE: Max. 11W, typical 5W
· 	PoE: Max. 11W, typical 5W Ivory / Aluminum



XNV-L6080R

2M H.265 IR Dome Camera







CAD Unit:mm [inch]

