

# XNV-6081

2MP Network Dome Camera

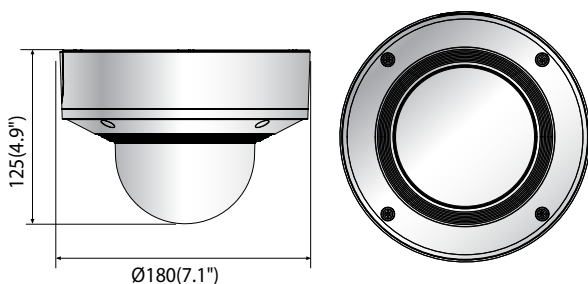


## Key Features

- Max. 2Megapixel resolution
- 0.015Lux@F1.4 (Color), 0.0015Lux@F1.4 (B/W)
- Day & Night (ICR), WDR (150dB)
- Hallway View, WiseStreamII Support
- Video & audio analytics, Audio playback
- DIS and shock detection with built-in gyro sensor
- Modular structure, PoE, 12VDC, 24VAC (Optional)
- IP66/IP67, IK10+, NEMA4X, PoE, 12VDC

## Dimensions

Unit : mm (inch)



## Accessories (Optional)



SBP-187HMW /  
SBP-187HM



SBC-180B



SPC-100AC

**XNV-6081**

<b>VIDEO</b>	
Imaging Device	1/2.8" 2MP CMOS
Effective Pixels	1945(H) x 1097(V)
Min. Illumination	Color : 0.015Lux (F1.4, 1./30sec) / B/W : 0.0015Lux (F1.4, 1/30sec)
Video Out	CVBS : 1.0Vp-p / 75Ω composite, 720 x 480(N), 720 x 576(P) for installation USB : Micro USB Type B, 1280 x 720 for installation
<b>LENS</b>	
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) / D : 142.1°(Wide)~32.0°(Tele)
Min. Object Distance	0.5m (1.64ft)
Focus Control	Simple focus
Lens Type	DC auto iris, P iris
<b>PAN / TILT / ROTATE</b>	
Pan / Tilt / Rotate Range	0°~360° / -45°~85° / 0°~355°
<b>OPERATIONAL</b>	
Camera Title	Displayed up to 85 characters
Day & Night	Auto (ICR)
Backlight Compensation	BLC, HLC, WDR, SSSR
Wide Dynamic Range	150dB
Digital Noise Reduction	SSNR V
Digital Image Stabilization	Support (built-in gyro sensor)
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)
Digital PTZ	Support (Preset, Group)
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, Shock detection
Business Intelligence	People counting, Queue management, Heatmap
Alarm I / O	Input 1ea / Output 1ea
Alarm Triggers	Analytics, Network disconnect, Alarm input
Alarm Events	File upload via FTP and e-mail Notification via e-mail SD/SDHC/SDXC or NAS recording at event triggers Alarm output Handover Audio playback
Audio In	Selectable (mic in/line in), Supply voltage : 2.5VDC (4mA), Input impedance : 2K Ohm
Audio Out	Line out, Max. output level : 1Vrms
<b>NETWORK</b>	
Ethernet	RJ-45 (10/100BASE-T)
Video Compression	H.265/H.264 : Main / Baseline / High, MJPEG
Resolution	1920 x 1080, 1280 x 1024, 1280 x 960, 1280 x 720, 1024 x 768, 800 x 600, 800 x 448, 720 x 576, 720 x 480, 640 x 480, 640 x 360, 320 x 240

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<b>Max. Framerate</b>	H.265/H.264 : Max. 60fps / 50fps (60Hz/50Hz) MJPEG : Max. 30fps / 25fps (60Hz/50Hz)
<b>Smart Codec</b>	Manual (Sea area), WiseStream II
<b>Video Quality Adjustment</b>	H.264/H.265 : Target bitrate level control MJPEG : Target bitrate level control
<b>Bitrate Control</b>	H.264/H.265 : CBR or VBR MJPEG : VBR
<b>Streaming</b>	Unicast (20 users) / Multicast Multiple streaming (Up to 10 profiles)
<b>Audio Compression</b>	G.711 u-law / G.726 Selectable G.726 (ADPCM) 8KHz, G.711 8KHz G.726 : 16Kbps, 24Kbps, 32Kbps, 40Kbps AAC-LC : 48Kbps at 16KHz
<b>Protocol</b>	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
<b>Security</b>	HTTPS (SSL) login authentication Digest login authentication IP address filtering User access log 802.1X authentication (EAP-TLS, EAP-LEAP)
<b>Edge Storage</b>	Micro SD/SDHC/SDXC 2slot 512GB
<b>Application Programming Interface</b>	ONVIF Profile S/G SUNAPI (HTTP API) Wisenet open platform
<b>Webpage Language</b>	English, Korean, Chinese, French, Italian, Spanish, German, Japanese, Russian, Swedish, Portuguese, Czech, Polish, Turkish, Dutch, Hungarian, Greek
<b>Web Viewer</b>	Supported OS : Windows 7, 8.1, 10, Mac OS X 10.10, 10.11, 10.12 Recommended Browser : Google Chrome Supported Browser : MS Explorer11, MS Edge, Mozilla Firefox(Windows 64bit only), Apple Safari (Mac OS X only)
<b>Memory</b>	1024MB RAM, 256MB Flash
<b>ENVIRONMENTAL</b>	
<b>Operating Temperature / Humidity</b>	-50°C ~ +60°C (-58°F ~ +140°F) / Less than 90% RH * Start up should be done at above -35°C
<b>Storage Temperature / Humidity</b>	-50°C ~ +60°C (-58°F ~ +140°F) / Less than 90% RH
<b>Certification</b>	IP66/IP67, IK10+, NEMA4X
<b>ELECTRICAL</b>	
<b>Input Voltage</b>	PoE (IEEE802.3af, Class3), 24VAC (Optional), 12VDC
<b>Power Consumption</b>	PoE : Max 7.0W, typical 4.9W 12VDC : Max 5.4W, typical 3.7W 24VAC : Max 7.1W, typical 4.9W
<b>MECHANICAL</b>	
<b>Color / Material</b>	White / Aluminum
<b>RAL Code</b>	RAL9003
<b>Product dimensions / weight</b>	Ø180x125mm(7.09x4.92"), 1.75Kg(3.86 lb)
<b>Conduit hole</b>	3/4"
<b>Hanging mount (Dome)</b>	SBP-187HMW, SBP-187HM
<b>Skin cover (Dome)</b>	SBC-180B
<b>Power module</b>	SPC-100AC

\* The latest product information / specification can be found at [hanwha-security.com](http://hanwha-security.com)

\* Design and specifications are subject to change without notice.

\* Wisenet is the proprietary brand of **Hanwha Techwin**.