

# XNV-6011

2M Vandal-Resistant Network Dome Camera

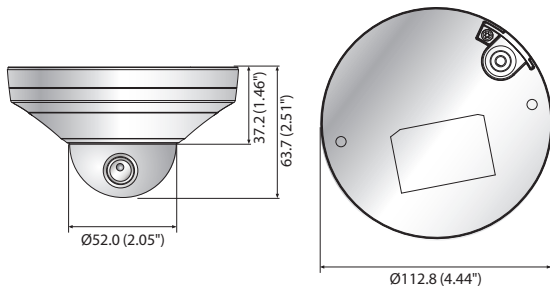


## Key Features

- Max. 2megapixel (1920 x 1080) resolution
- Built-in 2.8mm fixed lens
- Max. 60fps@all resolutions (H.265 / H.264)
- H.265, H.264, MJPEG codec support, Multiple streaming
- WDR (150dB), Defog
- Loitering, Directional detection, Fog detection, Defocus detection, Digital auto tracking, Heatmap, People counting, Queue management, Tampering
- Motion detection, Handover
- SD / SDHC / SDXC memory slot (Max. 256GB), PoE / 12V DC
- Hallway View, WiseStreamII support
- IP66, IK10, NEMA4X
- LDC support (Lens Distortion Correction)

## Dimensions

Unit : mm (inch)



## Accessories (Optional)



SBP-300HM7 SBP-300LM SBP-300CM SBP-300WM1 SBP-300WM SBP-300B SBP-300PM SBP-300KM

XNV-6011	
<b>VIDEO</b>	
Imaging Device	1/2.8" 2M CMOS
Total Pixels	1,945(H) x 1,109(V) 2.16M pixels
Effective Pixels	1,945(H) x 1,097(V) 2.13M pixels
Scanning System	Progressive Scan
Min. Illumination	Color : 0.055 Lux (1/30sec, F2.0) B/W : 0.055 Lux (1/30sec, F2.0)
S / N Ratio	50dB
Video Output	CVBS : 1.0 Vp-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)	2.8mm fixed
Max. Aperture Ratio	F2.0
Angular Field of View	H : 112° / V : 62° / D : 130°
Min. Object Distance	0.2m (0.66ft)
Focus Control	Manual
Lens / Mount Type	Fixed / Board-in Type
<b>PAN / TILT / ROTATE</b>	
Pan / Tilt / Rotate Range	Pan : 0° ~ +353° / Tilt : 0° ~ +59° / Rotate : 0° ~ +353°
<b>OPERATIONAL</b>	
Camera Title	Off / On (Displayed up to 85 characters) - W/W : English / Numeric / Special characters - China : English / Numeric / Special / Chinese characters - Common : Multi-line (Max 5), Color (Gray / Green / Red / Blue / Black / White), Transparency, Auto scale by resolution
Day & Night	Auto (Electrical) / Color / B/W
Backlight Compensation	Off / BLC / HLC (Masking / Dimming) / WDR
Wide Dynamic Range	150dB
Contrast Enhancement	SSDR (Off / On)
Digital Noise Reduction	SSNRV (2D + 3D Noise Filter) (Off / On)
Digital Image Stabilization	Off / On
Defog	Off / Auto (input from fog detection) / Manual
Motion Detection	Off / On (8ea, 8point polygonal zones), Handover
Privacy Masking	Off / On (32ea, polygonal zones) - Color : Grey / Green / Red / Blue / Black / White - Mosaic
Gain Control	Off / Low / Middle / High
White Balance	ATW / AWC / Manual / Indoor / Outdoor (Included Mercury & Sodium)
Contrast	Level adjustment
LDC	Off / On (5 levels with min / max)
Electronic Shutter Speed	Minimum / Maximum / Anti flicker (2 ~ 1/12,000sec)
Digital PTZ	24x, Digital PTZ (Preset, Group)
Flip / Mirror	Off / On, Hallway view : 90° / 270°
Video Analytics	Tampering, Loitering, Directional detection, Defocus detection, Fog detection, Virtual line, Enter / Exit, (Dis) Appear, Face detection, Motion detection, Digital auto tracking, People counting, Heatmap, Queue management
Alarm Triggers	Motion detection, Video analytics, Network disconnect
Alarm Events	File upload via FTP, E-mail, Notification via E-mail, Local Storage (SD / SDHC / SDXC) or NAS recording at event triggers, DPTZ preset
Pixel Counter	Support
<b>NETWORK</b>	
Ethernet	RJ-45 (10/100 BASE-T)
Video Compression Format	H.265 / H.264 (MPEG-4 part 10/AVC) : 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
Max. Framerate	H.265 / H.264 : Max. 60fps at all resolutions, MJPEG : Max. 30fps
Smart Codec	Manual mode (area-based : 5ea)
WiseStreamII	Support
Video Quality Adjustment	H.265 / H.264 / MJPEG : Target Bitrate Level Control
Bitrate Control Method	H.265 / H.264 : CBR OR VBR, MJPEG : VBR
Streaming Capability	Multiple Streaming (Up to 10 Profiles)
IP	IPv4, IPv6
Protocol	TCP / IP, UDP / IP, RTP (UDP), RTP (TCP), RTCP, RTPS, NTP, HTTP, HTTPS, SSL / TLS, DHCP, PPPoE, FTP, SMTP, ICMP, IGMP, SNMP v1 / 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)
Streaming Method	Unicast / Multicast
Max. User Access	20 users at Unicast Mode
Edge Storage	SD / SDHC / SDXC (256GB) - Motion Images recorded in the SD / SDHC / SDXC memory card can be downloaded. NAS (Network Attached Storage), Local PC for instant recording
Application Programming Interface	ONVIF Profile S/G, SUNAPI (HTTP API), Open Platform
Webpage Language	English, Korean, Chinese, French, Italian, Spanish, German, Japanese, Russian, Swedish, Portuguese, Czech, Polish, Turkish, Dutch, Hungarian, Greek
Web Viewer	Supported OS : Windows 7, 8.1, 10, Mac OS X 10.10, 10.11, 10.12 Non-plugin WebViewer - Supported Browser : Google Chrome 54, MS Edge 38, Mozilla Firefox 49 (Window 64bit only), Apple Safari 10 (Mac OS X only)
Web Viewer	Plug-in WebViewer - Supported Browser : MS Explore 11, Apple Safari 9 (Mac OS X only)
Central Management Software	SmartViewer, SSM
<b>ENVIRONMENTAL</b>	
Operating Temperature / Humidity	-30°C ~ +55°C (-22°F ~ +131°F) / Less than 90% RH *Start up should be done at above -20°C (-4°F)
Storage Temperature / Humidity	-30°C ~ +60°C (-22°F ~ +140°F) / Less than 90% RH
Ingress Protection	IP66
Vandal Resistance	IK10, NEMA4X
<b>ELECTRICAL</b>	
Input Voltage / Current	PoE (IEEE802.3af, Class3)
Power Consumption	Max 6.5W
<b>MECHANICAL</b>	
Color / Material	Ivory / Metal
Dimensions (WxH)	Ø112.8 x 63.7mm (Ø4.44" x 2.51")
Weight	420g (0.93 lb)

\* The latest product information / specification can be found at hanwha-security.com  
\* Design and specifications are subject to change without notice.