

2310111079

## XNV-6080RSA Stainless IR Dome Network Camera



### Dome Camera

- ✓ 2 Megapixel (1920 x 1080) resolution
- ✓ Color: 0.015Lux(F1.4, 1/30sec)
- ✓ BW: 0Lux(IR LED on)
- ✓ 2.8 ~ 12mm (4.3x) motorized varifocal lens
- ✓ 60fps@all resolutions (H.265/H.264)
- ✓ H.265, H.264, MJPEG codec supported, Multiple streaming
- ✓ Motion detection, Tampering, Defocus detection
- ✓ Hallway view, WiseStream II support
- ✓ SD/SDHC/SDXC memory 2 slots (Total maximum 512GB)
- ✓ IR viewable length 50m
- ✓ IP66, IP6K9K, IK10+, NEMA4X
- ✓ LDC, PoE Support

 ONVIF Conformant
  IP66
  IK10
  H.264

## Description

The XNV-6080RSA Stainless IR Dome Network Camera has features a 1/2.8" progressive scan CMOS sensor and 2.8-12mm motorized varifocal lens. The camera is able to produce videos at 1920 x 1080 resolution and features 4.3x zoom. A mechanical IR cut filter and built-in IR LEDs around the lens allow the camera to capture clear images of objects up to 164' away at night.

The camera has 2MP resolution and features WiseStreamII support, triple codec H.265/H.264/MJPEG, IR PoE/12VDC, 24VAC, 150dB WDR, Defocus Detection, Hallway View, and more.

It has an SD card slot (SD/SDHC/SDXC up to 512GB).

### Improved bandwidth efficiency with WiseStreamII support, H.265

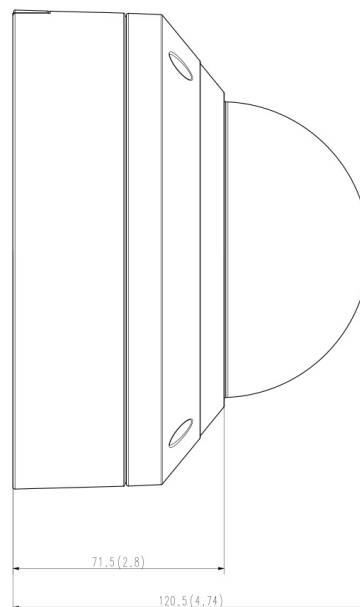
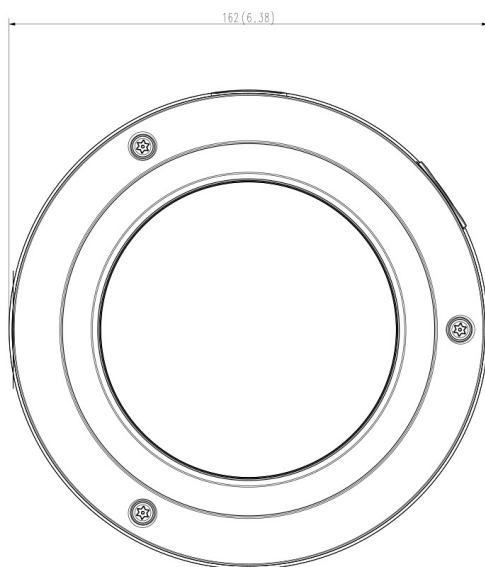
WiseStream, the advanced compression technology, can reduce bandwidth by 50% by using dynamic technologies. When combined with H.265, the bandwidth efficiency can be improved up to 75% compared to the current H.264 technology. This reduction in bandwidth allows the CCTV system to perform its best.

### Minimize image distortion by Lens Distortion Correction

Lens Distortion is typically shown in video on the straight lines near to the edges of an image making the straight lines look curved outward. With Lens Distortion Correction technology, imperfections in images are easily removed.

The XNV-6080RSA Stainless IR Dome Network Camera has IP66, IP6K9K, IK10+, and NEMA4X ratings making it ideal for the maritime industry.

## Technical Dimensions



# Specifications

## VIDEO

Imaging Device	1/2.8" CMOS
Resolution	1920x1080, 1280x1024, 1280x960, 1280x720, 1024x768, 800x600, 800x448, 720x576, 720x480, 640x480, 640x360, 320x240
Max. Framerate	H.265/H.264: Maximum 60fps MJPEG: Maximum 60fps
Min. Illumination	Color: 0.015Lux(F1.4, 1/30sec), BW: 0Lux(IR LED on)
Video Out	CVBS: 1.0 Vp-p / 75Ω composite, 720x480 for installation, 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) / D: 142.1°(Wide)~32.0°(Tele)
Focus Control	Simple focus
Lens Type	DC Auto Iris, P iris
Pan / Tilt / Rotate Range	0°~354° / 0°~67° / 0°~355°

**OPERATIONAL**

IR Viewable Length	50m (164.04ft)
Camera Title	Displayed up to 85 characters
Day & Night	Auto (ICR)
Backlight Compensation	BLC, HLC, WDR
Wide Dynamic Range	150dB
Digital Noise Reduction	SSNR
Motion Detection	8ea, 8point Polygonal zones
Privacy Masking	Color : Gray, Green, Red, Blue, Black, White, -Mosaic
Gain Control	Low / Middle / High
White Balance	ATW / AWC / Manual / Indoor / Outdoor
LDC (Lens distortion correction)	Support
Electronic Shutter Speed	Minimum / Maximum / Anti flicker (2~1/12,000sec)
Video Rotation	Flip, Mirror, Hallway view (90°/270°)
Intelligent Video Analytics	Defocus detection, Directional detection, Fog detection, Face detection, Motion detection, Digital auto tracking, Appear/Disappear, Enter/Exit, Loitering, Tampering, Intrusion, 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 Notification via e-mail, SD/SDHC/SDXC or NAS recording at event triggers Alarm output Handover

**NETWORK**

Ethernet	RJ-45 (10/100BASE-T)
Video Compression	H.265/H.264: Main/Baseline/High, MJPEG
Smart Codec	Manual(5ea area), WiseStream
Video Out	CVBS: 1.0 Vp-p / 75Ω composite, 720x480 for installation USB: Micro USB Type B, 1280x720 for installation
Bitrate Control	H.264/H.265: CBR or VBR MJPEG: VBR
Streaming	Unicast(20 users) / Multicast Multiple streaming(Up to 10 profiles)
Audio In	Selectable(microphone in/line in) Supply voltage: 2.5VDC(4mA), Input impedance: 2K Ohm
Audio Compression	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
Audio Communication	Selectable(mic in/line in) Supply voltage: 2.5VDC(4mA), Input impedance: 2K Ohm, Line out, Max.output level: 1Vrms
IP	IPv4, IPv6
Protocol	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)
Streaming Method	Unicast(20 users) / Multicast Multiple streaming(Up to 10 profiles)
Storage	Micro SD/SDHC/SDXC 2 slots, total capacity 512GB
Application Programming Interface	ONVIF Profile S/G/T, SUNAPI(HTTP API), Wisenet open platform
Web Viewer	Supported OS: Windows 8.1 or later, Mac OS X 10.13 or later Recommended Browser: Google Chrome Supported Browser: MS Internet Explorer 11, MS Edge, Mozilla Firefox (Windows 64-bit only), Apple Safari (Mac OS X only)
Webpage Language	English, Korean, French, German, Spanish, Italian, Chinese, Russian, Japanese, Swedish, Portuguese, Czech, Polish, Turkish, Dutch, Hungarian, Greek

## ENVIRONMENTAL

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

## ELECTRICAL

Input Voltage / Current	PoE(IEEE802.3af), 12VDC, 24VAC
Power Consumption	PoE: Maximum 12.95W, 12VDC: Maximum, 11.5W 24VAC: Maximum 14W

## MECHANICAL

Color / Material	Silver / Stainless (SUS316L)
Dimensions (WxH)	Ø162x120.5mm (Ø6.38x4.74")
Weight	2.8kg (6.17lb)

## Accessories



SBP-300WMS - wall mount bracket

Wall mount bracket for XNP-6320, SST.



SBP-300HM6S Hanging Mount

Stainless Steel Adapter for XNV

Hanging Mount