



Network

Dome

# XNV-6022R

2M H.265 Mobile IR Camera



## Key Features

- Max. 2Megapixel (1920 x 1080) resolution
- Max. 60fps@all resolutions (H.265 / H.264)
- 0.04Lux@F2.0 (Color), 0Lux (B/W : IR LED On)
- Built-in 3.6mm fixed lens
- H.265, H.264, MJPEG codec supported
- Multiple streaming
- Day & Night (ICR), WDR (150dB)
- SD/SDHC/SDXC memory slot (Max. 256GB)
- IR viewable length 15m, IP66, IK10, NEMA4X
- Hallway view, PoE, LDC support

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## Specifications

### Video

Imaging Device	1/2.8" 2MP CMOS
Resolution	1920x1080, 1280x1024, 1280x960, 1280x720, 1024x768, 800x600, 800x448, 720x576, 720x480, 640x480, 640x360, 320x240
Max. Framerate	H.265/H.264: Max.60fps/50fps(60Hz/50Hz) MJPEG: Max.30fps/25fps(60Hz/50Hz)
Min. Illumination	Color: 0.04Lux(F2.0, 1/30sec) BW: 0.004Lux(F2.0, 1.30sec), 0Lux(IR LED on)
Video Out	USB: Micro USB Type B, 1280x720 for installation

### Lens

Focal Length (Zoom Ratio)	3.6mm fixed focal
Max. Aperture Ratio	F2.0
Angular Field of View	H: 94.8 / V: 49.3 / D: 114.3
Focus Control	Fixed

### Pan / Tilt / Rotate

Pan / Tilt / Rotate Range	±5° / 0°~67° / ±90°
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### Operational

Camera Title	Displayed up to 85 characters
Day & Night	Auto(ICR)
Backlight Compensation	BLC, HLC, WDR
Wide Dynamic Range	150dB
Digital Noise Reduction	SSNRV
Digital Image Stabilization	Support
Defog	Support
Motion Detection	8ea, 8point polygonal zones
Privacy Masking	32ea, 4 point quadrangle 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)
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 Triggers	Analytics, Network disconnect
Alarm Events	When alarm trigger occurred - File upload(image) : e-mail/FTP - Notification : e-mail - Recording : SD/SDHC/SDXC or NAS recording at event triggers - Handover
Audio In	Selectable(mic in/line in/built-in mic) Supply voltage: 2.5VDC(4mA), Input impedance: 2K Ohm
Audio Out	Line out, Max.output level: 1Vrms

IR Viewable Length	15m(49.21ft)
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## Network

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 G.726(ADPCM) 8KHz, G.711 8KHz G.726: 16Kbps, 24Kbps, 32Kbps, 40Kbps AAC-LC: 48Kbps at 16KHz
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 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, PIM-SM, UPnP, Bonjour, SRTP, LLDP
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/T SUNAPI(HTTP API) Wisenet open platform

## General

Memory	1024MB RAM, 256MB Flash
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## Environmental & Electrical

Operating Temperature / Humidity	-30°C ~ +55°C(-22°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, NEMA4X EN55011:2009+A1:2010, EN50581:2012, EN50121-3-2:2015, EN61000-4-2:2009, EN61000-4-3:2006+A2:2010, EN61000-4-4:2012, EN61000-4-5:2014, EN61000-4-6:2009, EN50155:2007
Input Voltage	PoE(IEEE802.3af, Class3)
Power Consumption	PoE: Max 6.70W

## Mechanical

Color / Material	Ivory / Aluminum
Product Dimensions / Weight	98.9x52.0x100.0mm(3.89x2.05x3.94"), 295g(0.65 lb)

## DORI (EN62676-4 standard)

Detect (25PPM/ 8PPF)	35.3m(115.85ft)
Observe (63PPM/ 19PPF)	14.1m(46.34ft)
Recognize (125PPM/ 38PPF)	7.1m(23.17ft)
Identify (250PPM/ 76PPF)	3.5m(11.58ft)

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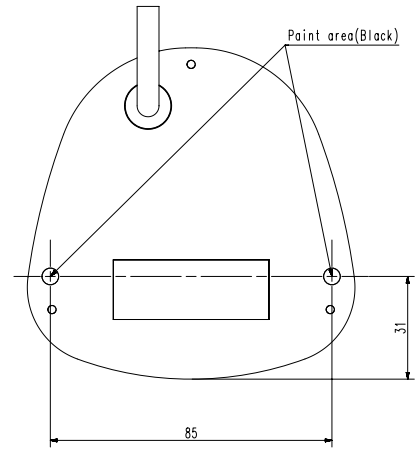
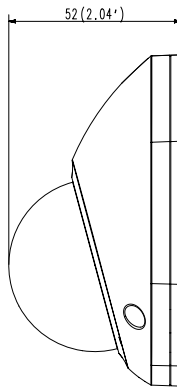
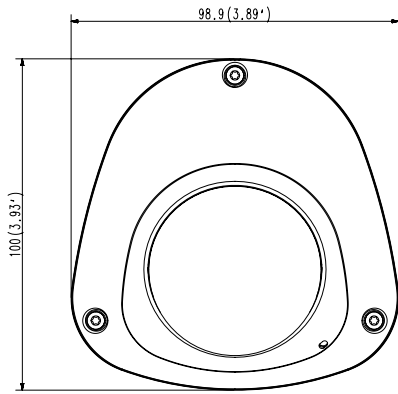


CAD

Unit: mm [inch]

This parts should not contain any substances which are specified in AH60-0033K

NO	PART NAME	CODE NO.	MATERIAL	Q'TY	REMARK
1	ASSY-XNV-6012(M)/6022R(M)	058056	MATERIAL	1	REMARK



STANDARD TOLERANCE

DIY	tol 1	tol 2	tol 3	tol 4	tol 5
0-16	+0.05	+0.1	+0.1	+0.2	+0.3
16-43	+0.05	+0.1	+0.2	+0.3	+0.4
43-250	+0.1	+0.2	+0.3	+0.4	+0.4
250-1000	+0.2	+0.3	+0.4	+0.5	+0.6

A3 CHANGE	UNIT	mm	DESIGN	CHECK	APPROVAL	PART NAME	ASSY-XNV-6012(M)/6022R(M)
	SCALE	1/1	M.Fujiwara	Check	Approval	MODEL NAME	XNV-6012(M)/6022R(M)
			18.03.19	18.03.19	18.03.19	CODE NO.	058056
			Hanwha Techwin				