



Network

Dome

## XNV-6012

2M H.265 Mobile Camera



### Key Features

- Max. 2Megapixel (1920 x 1080) resolution
- Max. 60fps@all resolutions (H.265 / H.264)
- 0.04Lux@F2.0 (Color), 0.04Lux@F2.0 (B/W)
- Built-in 2.4mm fixed lens
- H.265, H.264, MJPEG codec supported
- Multiple streaming
- Day & Night, WDR (150dB)
- SD/SDHC/SDXC memory slot (Max. 256GB)
- IP66, IK10, NEMA4X
- Hallway view, PoE, LDC support

# XNV-6012

## 2M H.265 Mobile Camera



### 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: 0.04Lux(F2.0, 1/30sec)
Video Out	USB: Micro USB Type B, 1280x720 for installation

#### Lens

Focal Length (Zoom Ratio)	2.4mm fixed focal
Max. Aperture Ratio	F2.0
Angular Field of View	H: 135.4, V: 71.2, D: 161.6
Lens Type	Fixed

#### Pan / Tilt / Rotate

Pan / Tilt / Rotate Range	-5~+5° / 0°~67° / -90~+90°
---------------------------	----------------------------

#### Operational

Camera Title	Displayed up to 85 characters
Day & Night	Auto(Electrical)
Backlight Compensation	BLC, HLC, WDR, SSSDR
Wide Dynamic Range	150dB
Digital Noise Reduction	SSNR V
Digital Image Stabilization	Support
Defog	Support
Motion Detection	8ea, 8point polygonal zones
Privacy Masking	32ea, 4point 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)
Analytics	Defocus detection, Directional detection, Fog detection, Face detection, Motion detection, Digital auto tracking, Appear/Disappear, Enter/Exit, Loitering, Tampering, Virtual line
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
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

#### Network

<b>Ethernet</b>	RJ-45(10/100BASE-T)
<b>Video Compression</b>	H.265/H.264: Main/Baseline/High, MJPEG
<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>Smart Codec</b>	Manual(5ea area), WiseStream II
<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>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, SRTSP
<b>Security</b>	HTTPS(SSL) Login Authentication Digest Login Authentication IP Address Filtering User access log 802.1X Authentication(EAP-TLS, EAP-LEAP)
<b>Application Programming Interface</b>	ONVIF Profile S/G/T SUNAPI(HTTP API) Wisenet open platform

## General

<b>Webpage Language</b>	English, Korean, Chinese, French, Italian, Spanish, German, Japanese, Russian, Swedish,, Portuguese, Czech, Polish, Turkish, Dutch, Hungarian, Greek
<b>Edge Storage</b>	Micro SD/SDHC/SDXC 1slot 256GB
<b>Memory</b>	1024MB RAM, 256MB Flash

## Environmental & Electrical

<b>Operating Temperature / Humidity</b>	-30°C~+55°C(-22°F ~ +131°F) / Less than 90% RH * Start up should be done at above -20°C
<b>Storage Temperature / Humidity</b>	-50°C ~ +60°C (-58°F ~ +140°F) / Less than 90% RH
<b>Certification</b>	IP66, IK10, NEMA4X EN5011:2009+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, NEMA 4X
<b>Input Voltage</b>	PoE(IEEE802.3af, Class3)
<b>Power Consumption</b>	PoE : Max 6.5W

## Mechanical

<b>Color / Material</b>	Ivory / Aluminum
<b>Product Dimensions / Weight</b>	98.9(W)x52.0(H)x100.0(D)mm(3.88"x2.08x3.94"), 295g(0.65 lb)

## DORI (EN62676-4 standard)

<b>Detect (25PPM/ 8PPF)</b>	15.7m(51.67ft)
<b>Observe (63PPM/ 19PPF)</b>	6.3m(20.67ft)
<b>Recognize (125PPM/ 38PPF)</b>	3.1m(10.33ft)
<b>Identify (250PPM/ 76PPF)</b>	1.6m(5.17ft)

# XNV-6012

2M H.265 Mobile Camera

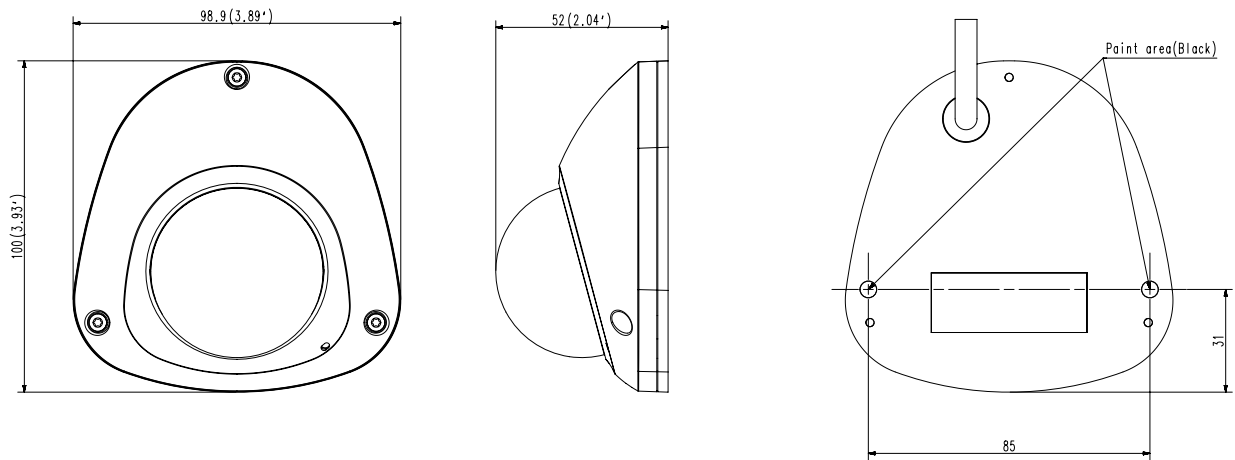


Unit: mm [inch]

## CAD

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	h1	h2	h3	h4	h5
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				