



Network

Dome

# XNV-6022RM

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, M12 connector support

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## Specifications

### Video

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

### Lens

Focal Length (mm)	3.6	
Max Aperture Ratio (F number)	Wide	2.0
Angular Field of View	Horizontal	94.8°
	Vertical	49.3°
	Diagonal	114.3°
Focus Control	Manual	

### Pan / Tilt / Rotate

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

### Operational

Day & Night	Auto(ICR)
Backlight Compensation	BLC, HLC, WDR
Wide Dynamic Range (dB)	150
Digital Noise Reduction	SSNR V
Digital Image Stabilization	Support(built-in gyro sensor)
Defog	Support

## Operational

<b>Motion Detection</b>	Quantity	8ea
	Shape	8point Polygonal zones
<b>Privacy Masking</b>	Quantity	32ea
	Shape	Polygonal zones
	Color / Option	Gray, Green, Red, Blue, Black, White, Mosaic
<b>Gain Control</b>		Low, Middle, High
<b>White Balance</b>		ATW, AWC, Manual, Indoor, Outdoor
<b>LDC</b>		Support
<b>Electronic Shutter</b>	Mode	Minimum, Maximum, Anti flicker
	Speed Range	2~1/12,000sec
<b>Video Rotation</b>		Flip, Mirror, Hallway view(90°/270°)
<b>Alarm Triggers</b>		Analytics, Network disconnect
<b>Alarm Events When Alarm Trigger Occurred</b>		File upload(image): e-mail/FTP, Notification: e-mail, Recording: SD/SDHC/SDXC or NAS recording at event triggers
<b>Audio In</b>		Selectable(mic in/line in), Built-in mic
<b>Audio Out</b>		Line out
<b>Light Type</b>		IR LED
<b>Light Viewable Length</b>	IR	15m(49.21ft)
<b>IR Wavelength</b>		850nm

## Analytics

<b>Analytics Events</b>	Normal	Defocus detection, Motion detection, Tampering, Fog detection, Face detection, Audio detection, Sound classification, Virtual area(Lotering, Intrusion, Enter/Exit, Appear/Disappear), Virtual line(Crossing, Direction) . Digital auto tracking
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## Network

<b>Ethernet</b>		M12
<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, WiseStream II
<b>Bitrate Control</b>		H.265/H.264: CBR or VBR, MJPEG: VBR
<b>Streaming</b>	Unicast	Up to 20 users
	Multicast	Support
	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, UPnP, Bonjour, LLDP, PPPoE, PIM-SM

## Network

Application Programming Interface	ONVIF	S, G
	Others	SUNAPI(HTTP API), Hanwha Vision Open Platform

## Security

OS / Firmware Protect	Encrypted firmware, Secure boot, Signed firmware
User authentication	Digest authentication
Network authentication	IEEE 802.1X(EAP-TLS, EAP-LEAP)
Secure Communication	HTTPS
Access Control	IP-based access control
Data Protect	Encryption credentials, Encrypt compress for live recording file export
Audit	Access / System / Event Log management
Secure Storage	SDcard partition encrypt(AES-256)

## General

Memory	RAM	1GB
	Flash	256MB
Edge Storage	Micro SD/SDHC/SDXC	Max. 256GB x 1slot

## Environmental & Electrical

Operating Condition	Temperature	-30°C~+55°C(-22°F~+131°F)
	Humidity	0~90% RH(non-condensing)
Storage Condition	Temperature	-50°C~+60°C(-58°F~+140°F)
	Humidity	0~90% RH(non-condensing)
Input Voltage	PoE(IEEE802.3af, Class3)	
Power Consumption	PoE	Max. 6.70W

## Mechanical

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

## Certifications & Standards

Environment	IEC 60529 IP66, IEC 62262 IK10, NEMA 250 type 4X
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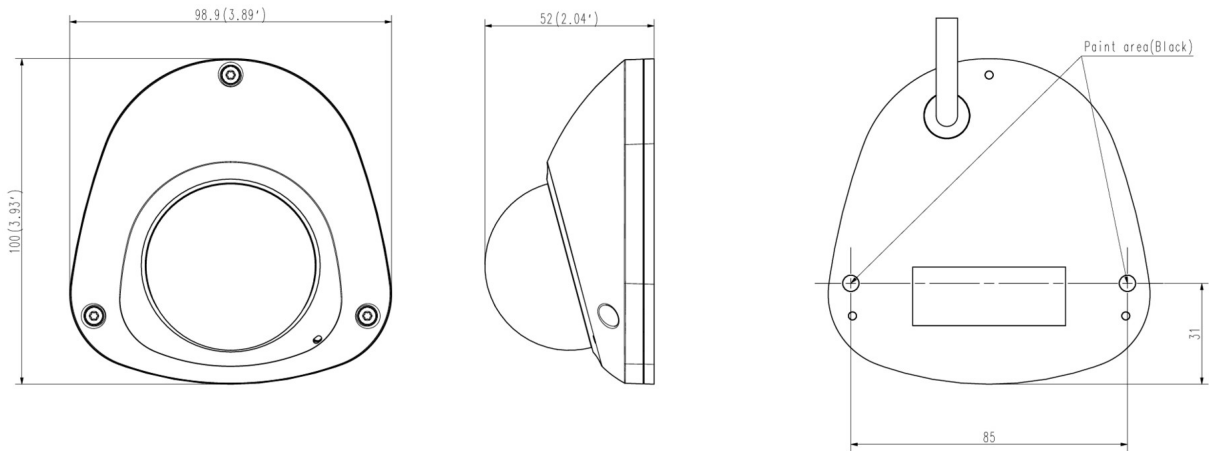


**CAD**

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

DIV	tol.1	tol.2	tol.3	tol.4	tol.5
0-16	±0.05	±0.1	±0.1	±0.2	±0.3
16-63	±0.05	±0.1	±0.2	±0.3	±0.4
63-250	±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)
			M.Fujiwara	Check	Approval	MODEL NAME	XNV-6012(M)/6022R(M)
	SCALE	1/1	18.03.19	18.03.19	18.03.19	CODE NO.	058056