



Network

Dome

XNV-6120R

2M H.265 IR Dome Camera



Key Features

- Max. 2Megapixel (1920 x 1080) resolution
- 5.2 ~ 62.4mm (Optical 12X) Optical Lens
- Max. 60fps@all resolutions (H.265 / H.264)
- H.265, H.264, MJPEG Codec Supported
- Multiple streaming, IVA, Sound Classification
- Day & Night (ICR), WDR (150dB), Defog, Handover
- Fog Detection, Tampering, Motion Detection
- SD / SDHC / SDXC 2 Slot (Max. 512GB)
- Hallway View, WiseStreamII Support
- IR Viewable Length 70m (229.66ft)

Compatible Accessories (Optional)



SBP-300HM6



SHP-1680FW



SBP-160TM



SBV-158G



SHD-1600FPW



SPB-VAN71



SBV-160WC



SBP-390WM2



SBP-300WM1



SBP-300WM



SBP-300LM



SBP-300KM



SBP-300CM



SBP-300NB



SBP-300PM



SBP-300B



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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: 0.03Lux(F1.6, 1/30sec) BW: 0Lux(IR LED On)
Video Out	CVBS: 1.0 Vp-p / 75Ω composite, 720x480(N), 720x576(P) for installation USB: Micro USB Type B, 1280x720 for installation

Lens

Focal Length (Zoom Ratio)	5.2~62.4mm(12x) zoom
Max. Aperture Ratio	F1.6(Wide)~F3.0(Tele)
Angular Field of View	H: 54.58°(Wide)~5.30°(Tele) / V: 32.19°(Wide)~3.00°(Tele) / D: 61.4(Wide)~6.06(Tele)
Min. Object Distance	2.1m(6.89ft)
Focus Control	OneshotAF
Lens Type	DC auto iris

Pan / Tilt / Rotate

Pan / Tilt / Rotate Range	0°~354° / 0°~75° / 0°~355°
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Operational

Camera Title	Displayed up to 85 characters
Day & Night	Auto(ICR)
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, 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, 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

Audio In	Selectable(mic in/line in) Supply voltage: 2.5VDC(4mA), Input impedance: 2K Ohm
Audio Out	Line out, Max.output level: 1Vrms
IR Viewable Length	70m(229.66ft)

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, FTP, SMTP, ICMP, IGMP, SNMPv1/v2c/v3(MIB-2), ARP, DNS, DDNS, QoS, PIM-SM, UPnP, Bonjour, LLDP, SRTP
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

Web Viewer	Supported OS: Windows 7, 8.1, 10, Mac OS X 10.10, 10.11, 10.12 Recommended Browser: Google Chrome Supported Browser: MS Explore11, MS Edge, Mozilla Firefox(Window 64bit only), Apple Safari(Mac OS X only)
Edge Storage	Micro SD/SDHC/SDXC 2slot 512GB
Memory	1024MB RAM, 256MB Flash

Environmental & Electrical

Operating Temperature / Humidity	-40°C~+55°C(-40°F ~ +131°F) / Less than 90% RH * Start up should be done at above -35°C
Storage Temperature / Humidity	-50°C ~ +60°C (-58°F ~ +140°F) / Less than 90% RH
Certification	IP66/IP67, IK10, NEMA 4X
Input Voltage	PoE(IEEE802.3af, Class3), 12VDC, 24VAC
Power Consumption	PoE : Max 12.95W 12VDC : Max. 11.5W 24VAC : Max. 14W

Mechanical

Color / Material	Ivory / Aluminum
Product Dimensions / Weight	Ø160x128.5mm(6.30"x5.06"), 995g(2.19 lb)



XNV-6120R

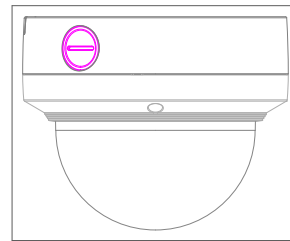
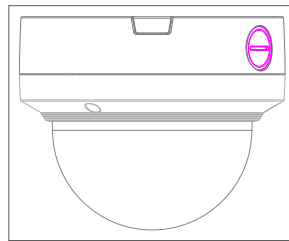
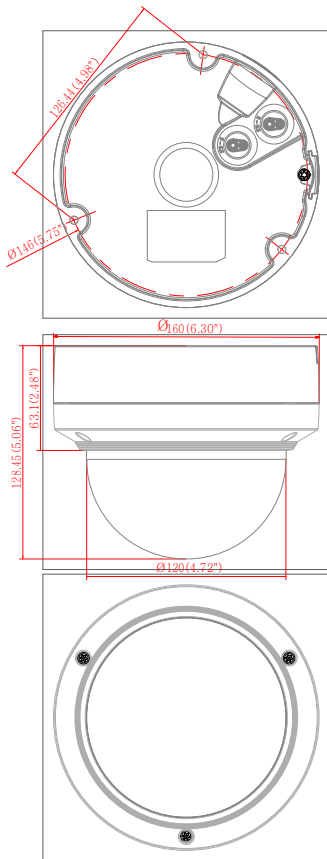
2M H.265 IR Dome Camera

CAD

Unit: mm [inch]

This part should not contain any addresses which are specified in 4300-0038

NO	PART NAME	CODE NO	MATERIAL	QTY	REMARK
1	2M H.265 IR Dome Camera	000001	ABS+PC	1	REVISION



CHANGE

STANDARD TOLERANCE		UNIT	mm	DESIGN	CHECK	APPROVAL	PART NAME
mm	0.01	mm	0.01	H.Paperno	-	04/04/2019	ISSY-WV-E120R-Kemco-14-10120
inch	0.0005	inch	0.0005			07/09/2017	
mm	0.02	mm	0.02				
inch	0.0008	inch	0.0008				
mm	0.05	mm	0.05				
inch	0.002	inch	0.002				
mm	0.1	mm	0.1				
inch	0.004	inch	0.004				
mm	0.2	mm	0.2				
inch	0.008	inch	0.008				
mm	0.5	mm	0.5				
inch	0.02	inch	0.02				
mm	1	mm	1				
inch	0.04	inch	0.04				
mm	2	mm	2				
inch	0.08	inch	0.08				
mm	3	mm	3				
inch	0.12	inch	0.12				
mm	4	mm	4				
inch	0.16	inch	0.16				
mm	6	mm	6				
inch	0.24	inch	0.24				
mm	8	mm	8				
inch	0.32	inch	0.32				
mm	10	mm	10				
inch	0.4	inch	0.4				
mm	15	mm	15				
inch	0.6	inch	0.6				
mm	20	mm	20				
inch	0.8	inch	0.8				
mm	25	mm	25				
inch	1.0	inch	1.0				
mm	30	mm	30				
inch	1.2	inch	1.2				
mm	40	mm	40				
inch	1.6	inch	1.6				
mm	50	mm	50				
inch	2.0	inch	2.0				
mm	60	mm	60				
inch	2.4	inch	2.4				
mm	80	mm	80				
inch	3.15	inch	3.15				
mm	100	mm	100				
inch	4.0	inch	4.0				
mm	120	mm	120				
inch	4.75	inch	4.75				
mm	150	mm	150				
inch	6.0	inch	6.0				
mm	200	mm	200				
inch	8.0	inch	8.0				
mm	250	mm	250				
inch	10.0	inch	10.0				
mm	300	mm	300				
inch	12.0	inch	12.0				
mm	400	mm	400				
inch	16.0	inch	16.0				
mm	500	mm	500				
inch	20.0	inch	20.0				
mm	600	mm	600				
inch	24.0	inch	24.0				
mm	800	mm	800				
inch	31.5	inch	31.5				
mm	1000	mm	1000				
inch	40.0	inch	40.0				