

# XNO-6010R

2M H.265 IR Bullet Camera

Network



FC |  | CE | EAC

## Key Features

- Built-in 2.4mm fixed lens
- Max. 60fps@all resolutions (H.265/H.264)
- Day & Night (ICR), WDR(150dB)
- Loitering, Directional detection, Fog detection
- Digital auto tracking, Sound classification, Heatmap
- People counting, Queue management, Tampering
- Motion detection, Handover
- Dual SD slots(Max. 512GB), WiseStream II support
- IP67/IP66, NEMA 4X, IK10

## Compatible Accessories (Optional)



SBP-302PM

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: 0.055lux(F2.0, 1/30sec) B/W: 0 Lux (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)	2.4mm fixed focal
Max. Aperture Ratio	F2.0
Angular Field of View	H: 139°, V:73°, D: 167°
Min. Object Distance	0.5m(1.64ft)
Focus Control	Fixed
Operational	
Camera Title	Displayed up to 85 characters
Day & Night	Auto(ICR)
Backlight Compensation	BLC, HLC, WDR, DWDR, 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
Business Intelligence	People counting, Queue management, Heatmap
Alarm I/O	Input 1ea / Output 1ea
Alarm Triggers	Analytics, Network disconnect, Alarm input

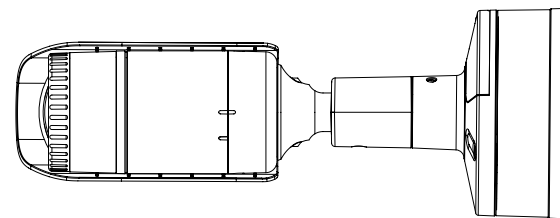
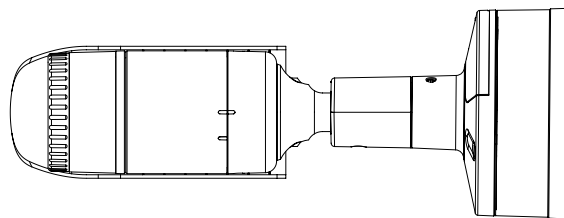
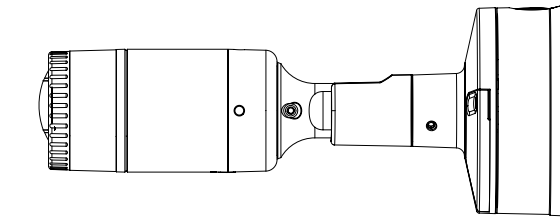
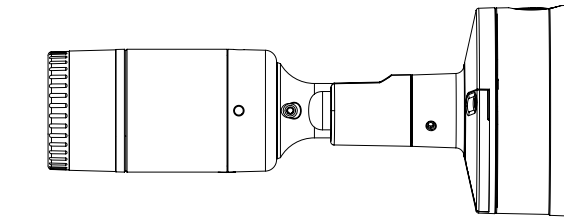
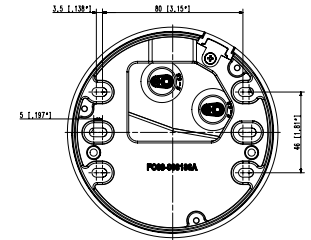
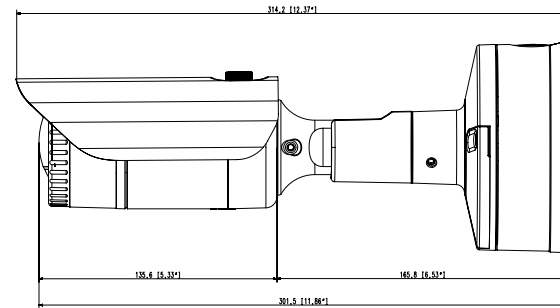
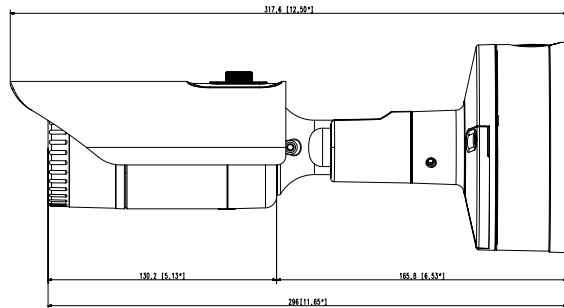
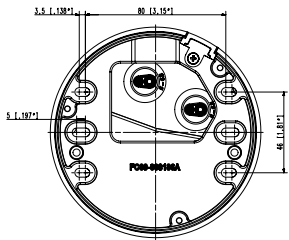
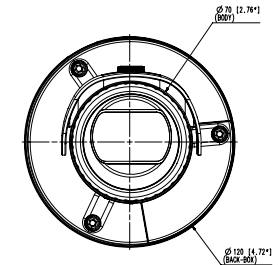
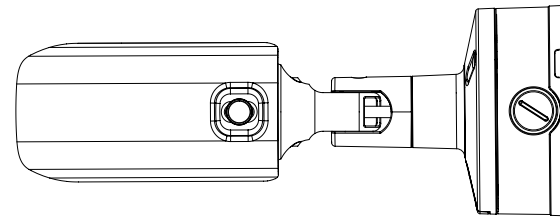
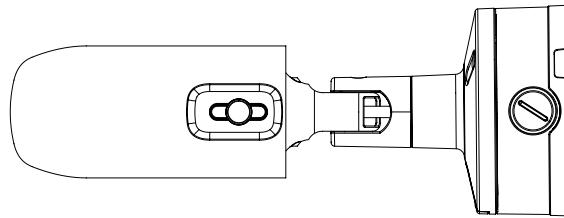
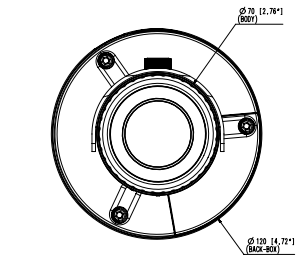
<b>Alarm Events</b>	File upload via FTP and E-Mail Notification via E-Mail SD/SDHC/SDXC or NAS recording at Event Triggers Alarm output Handover
<b>Audio In</b>	Selectable(Mic in/Line in), Supply voltage: 2.5VDC(4mA), Input impedance: 2K Ohm
<b>Audio Out</b>	Line out, Max. output level: 1Vrms
<b>IR Viewable Length</b>	20m(65.62ft)
<b>Network</b>	
<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
<b>General</b>	
<b>Web Viewer</b>	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)
<b>Edge Storage</b>	Micro SD/SDHC/SDXC 2slot 512GB
<b>Memory</b>	1024MB RAM, 256MB Flash
<b>Environmental &amp; Electrical</b>	
<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>	IP67/IP66/NEMA4X, IK10
<b>Input Voltage</b>	PoE(IEEE802.3af, Class3), 12VDC

<b>Power Consumption</b>	PoE: Max 9.7W 12VDC: Max 8.8W
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**Mechanical**

<b>Color / Material</b>	Dark grey / Aluminum
<b>Product Dimensions / Weight</b>	Ø70x296mm(Ø2.76"x11.65"), 1220g(2.69 lb)

- The latest product information / specification can be found at [hanwha-security.com](http://hanwha-security.com)
- Design and specifications are subject to change without notice.
- Wisenet is the proprietary brand of Hanwha Techwin, formerly known as Samsung Techwin.



Appearance XNO-6020R/8020R/8030R/8040R  
Unit : mm [inch]

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Unit : mm [inch]