

# QNO-6072R1

2MP IR Bullet Camera

Network



FC |  | CE | EAC

## Key Features

- Maximum 2megapixel (1920 x 1080) resolution
- 0.03Lux (Color), 0Lux (B/W, IR LED on)
- 3.2 ~ 10mm (3.1x) varifocal lens
- Maximum 30fps@2MP all resolutions (H.265/H.264)
- H.265, H.264, MJPEG codec supported, Multiple streaming
- Motion detection, Tampering, Defocus detection
- Hallway view (90°/270°), LDC support
- Micro SD/SDHC/SDXC memory slot (Max. 128GB)
- IR viewable length 30m
- IP66, IK10, PoE/12VDC
- No-audio model

## Compatible Accessories (Optional)



SBO-100B1



SBP-302PM

<b>Video</b>	
<b>Imaging Device</b>	1/2.8" 2MP CMOS
<b>Resolution</b>	1920x1080, 1280x960, 1280x720, 800x600, 800x448, 720x576, 720x480, 640x480, 640x360
<b>Max. Framerate</b>	H.265/H.264: Max. 30fps/25fps(60Hz/50Hz) MJPEG: Max. 15fps/12fps(60Hz/50Hz)
<b>Min. Illumination</b>	Color: 0.03Lux(F1.6, 1/30sec) BW: 0Lux(IR LED on)
<b>Video Out</b>	CVBS: 1.0 Vp-p / 75Ω composite, 720x480(N), 720x576(P) for installation
<b>Lens</b>	
<b>Focal Length (Zoom Ratio)</b>	3.2~10mm(3.1x) manual varifocal
<b>Max. Aperture Ratio</b>	F1.6(Wide)~F2.9(Tele)
<b>Angular Field of View</b>	H: 109.0°(Wide)~33.2°(Tele) / V: 57.4°(Wide)~18.7°(Tele) / D: 132.0°(Wide)~38.0°(Tele)
<b>Min. Object Distance</b>	0.5m (1.64ft)
<b>Focus Control</b>	Manual
<b>Lens Type</b>	DC auto iris
<b>Operational</b>	
<b>Camera Title</b>	Displayed up to 85 characters
<b>Day &amp; Night</b>	Auto(ICR)
<b>Backlight Compensation</b>	BLC, WDR, SDR
<b>Wide Dynamic Range</b>	120dB
<b>Digital Noise Reduction</b>	SSNR
<b>Motion Detection</b>	4ea, polygonal zones
<b>Privacy Masking</b>	6ea, rectangular zones
<b>Gain Control</b>	Low / Middle / High
<b>White Balance</b>	ATW / AWC / Manual / Indoor / Outdoor
<b>LDC</b>	Support
<b>Electronic Shutter Speed</b>	Minimum / Maximum / Anti flicker (1/5~1/12,000sec)
<b>Video Rotation</b>	Flip, Mirror, Hallway view(90/270)
<b>Analytics</b>	Defocus detection, Directional detection, Motion detection, Enter/Exit, Tampering, Virtual line
<b>Alarm I/O</b>	Input 1ea / Output 1ea
<b>Alarm Triggers</b>	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
<b>IR Viewable Length</b>	30m(98.42ft)
<b>Network</b>	
<b>Ethernet</b>	RJ-45(10/100BASE-T)
<b>Video Compression</b>	H.265/H.264: Main/High, MJPEG

<b>Smart Codec</b>	WiseStream II
<b>Bitrate Control</b>	H.264/H.265: CBR or VBR MJPEG: VBR
<b>Streaming</b>	Unicast(6 users) / Multicast Multiple streaming(Up to 3 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
<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, Portuguese, Czech, Polish, Turkish, Dutch
<b>Edge Storage</b>	Micro SD/SDHC/SDXC 1slot 128GB
<b>Memory</b>	512MB 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>	-30°C ~ +60°C(-22°F ~ +140°F) / Less than 90% RH
<b>Certification</b>	IP66, IK10
<b>Input Voltage</b>	PoE(IEEE802.3af, Class3), 12VDC
<b>Power Consumption</b>	PoE: Max 7.40W, typical 5.40W 12VDC: Max 6.50W, typical 4.80W

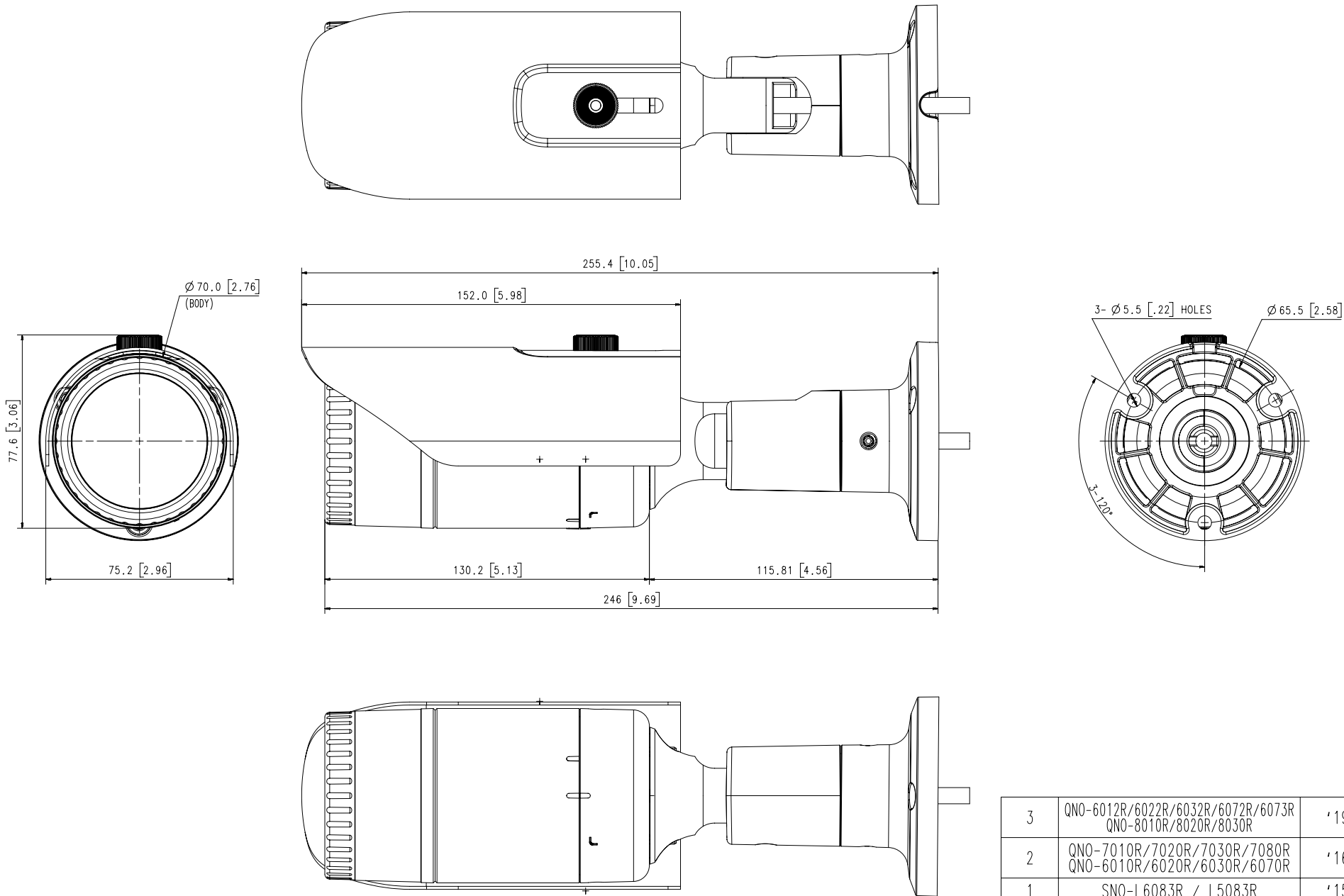
### Mechanical

<b>Color / Material</b>	Dark grey / Aluminum
<b>Product Dimensions / Weight</b>	Ø70.0x246.0mm(Ø2.76x9.69"), 730g(1.61 lb)
<b>Compatible Conduit hole / Gangbox</b>	Single, Double, 4" Octagon

### DORI (EN62676-4 standard)

<b>Detect (25PPM/ 8PPF)</b>	Wide: 27.4m(89.85ft) / Tele: 128.8m(422.56ft)
<b>Observe (63PPM/ 19PPF)</b>	Wide: 11.0m(35.94ft) / Tele: 51.5m(169.02ft)
<b>Recognize (125PPM/ 38PPF)</b>	Wide: 5.5m(17.97ft) / Tele: 25.8m(84.51ft)
<b>Identify (250PPM/ 76PPF)</b>	Wide: 2.7m(8.99ft) / Tele: 12.9m(42.26ft)

- 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.



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3	QNO-6012R/6022R/6032R/6072R/6073R QNO-8010R/8020R/8030R	'19.04.18
2	QNO-7010R/7020R/7030R/7080R QNO-6010R/6020R/6030R/6070R	'16.05.10
1	SNO-L6083R / L5083R	'15.02.26
No.	MODEL NAME	DATE
Unit:mm[inch] SCALE:1/1		Hanwha Techwin