

QNV-6010R/6020R/6030R

2Megapixel Vandal-Resistant Full HD Network IR Dome Camera



QNV-6010R



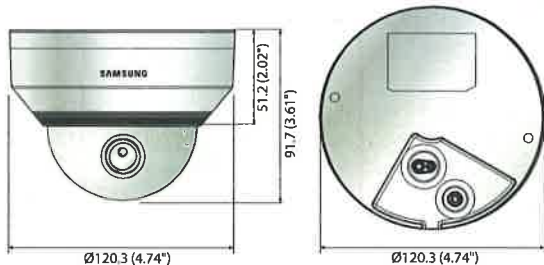
QNV-6020R/6030R

Key Features

- Max. 2M (1920 x 1080) resolution
- Built-in 2.8mm fixed lens (QNV-6010R)
3.6mm fixed lens (QNV-6020R)
6mm fixed lens (QNV-6030R)
- Max. 30fps@all resolutions (H.265/H.264)
- H.265, H.264, MJPEG codec supported, Multiple streaming
- Motion detection, Tampering, Defocus detection
- micro SD (128GB) memory slot, PoE / 12V DC
- IR viewable length 20m (QNV-6010R), 25m (QNV-6020R)
30m (QNV-6030R)
- Hallway view, WiseStream support, IP66, IK10
- LDC support (Lens Distortion Correction)

Dimensions

Unit : mm (inch)



Accessories (Optional)



SBP-122HM SBP-300LM SBP-300CM SBP-300WM1 SBP-300WM SBP-300PM SBP-300KM

QNV-6010R/6020R/6030R

VIDEO	
Imaging Device	1/2.9" 2.19M CMOS
Total Pixels	2,000(H) x 1,121(V)
Effective Pixels	1,984(H) x 1,105(V)
Scanning System	Progressive
Min. Illumination	Color: 0.15Lux, B/W: 0Lux (IR LED on)
LENS	
Focal Length (Zoom Ratio)	2.8mm fixed (QNV-6010R), 3.6mm fixed (QNV-6020R), 6mm fixed (QNV-6030R)
Max. Aperture Ratio	F1.8
Angular Field of View	H: 110.0° / V: 61.0° / D: 125.0° (QNV-6010R) H: 86.48° / V: 46.22° / D: 102.44° (QNV-6020R) H: 52.54° / V: 28.86° / D: 61.14° (QNV-6030R)
Lens Type	Fixed
Mount Type	Board type
PAN / TILT / ROTATE	
Pan / Tilt / Rotate Range	0° ~ 350° / 0° ~ 67° / 0° ~ 355°
OPERATIONAL	
IR Viewable Length	20m (65.62ft): QNV-6010R, 25m (82.02ft): QNV-6020R, 30m (98.43ft): QNV-6030R Off / On (Displayed up to 20 characters per line) - W/W: English / Numeric / Special characters - China: English / Numeric / Special / Chinese characters - Common: Multi-line (Max. 5), Color (Grey / Green / Red / Blue / Black / White), Transparency, Auto scale by resolution
Camera Title	
Day & Night	True Day & Night
Backlight Compensation	Off / BLC
Wide Dynamic Range	120dB
Digital Noise Reduction	SNR (Off / On)
Motion Detection	Off / On (4ea polygonal zones)
Privacy Masking	Off / On (6ea rectangular zones)
Gain Control	Off / Low / Middle / High
White Balance	ATW / AWC / Manual / Indoor / Outdoor
LDC (Lens Distortion Correction)	Off / On (5 levels with min / max)
Electronic Shutter Speed	Minimum / Maximum / Anti flicker
Flip / Mirror	Flip / Mirror / Hallway view
Intelligent Video Analytics	Motion detection with metadata, Tampering, Defocus detection
Alarm I/O	Input 1 / Output 1
Alarm Triggers	Motion detection, Tampering detection, SD card error, NAS error, Alarm input, Defocus detection
Alarm Events	File upload via FTP and E-mail, Local storage recording at event, Notification via E-mail, External output
Pixel Counter	Support (Plug-in viewer only)
NETWORK	
Ethernet	RJ-45 (10/100BASE-T)
Video Compression Format	H.265, H.264, MJPEG
Resolution	1920 x 1080, 1280 x 1024, 1280 x 960, 1280 x 720, 1024 x 768, 800 x 600, 720 x 576, 720 x 480, 640 x 480, 320 x 240
Max. Framerate	H.265/H.264: Max. 30fps at all resolutions, MJPEG: Max. 15fps
Smart Codec	WiseStream
Video Quality Adjustment	H.265/H.264: Target bitrate level control, MJPEG: Quality level control
Bitrate Control Method	H.265/H.264: CBR or VBR, MJPEG: VBR
Streaming Capability	Multiple streaming (Up to 3 profiles)
Audio I/O	Line in
Audio Compression Format	G.711 u-law / G.726 selectable
Audio Communication	G.726 (ADPCM) 8KHz, G.711 8KHz, G.726: 16Kbps, 24Kbps, 32Kbps, 40Kbps
IP	Uni-directional audio
Protocol	IPV4, IPV6
Security	TCPP/IP, UDP/IP, RTP (UDP), RTP (TCP), RTCP, RTSP, NTP, HTTP, HTTPS, SSL/TLS, DHCP, PPPoE, FTP, SMTP, ICMP, IGMP, SNMP v1/v2c/v3 (MIB-2), ARP, DNS, DDNS, QoS, PIM-SM, UPnP, Bonjour
Streaming Method	HTTP(S) (SSL) login authentication, Digest login authentication
Max. User Access	IP address filtering, User access log, 802.1x authentication
Storage	Unicast / Multicast 6 users at unicast mode micro SD/SDHC/SDXC Max. 128G, NAS - Motion images recorded in the SD memory card can be downloaded - Manual recording at local PC
Application Programming Interface	ONVIF Profile S/G, SUNAPI (HTTP API)
Webpage Language	English, French, German, Spanish, Italian, Chinese, Korean, Russian, Japanese, Swedish, Danish, Portuguese, Turkish, Polish, Czech, Rumanian, Serbian, Dutch, Croatian, Hungarian, Greek, Norwegian, Finnish
Web Viewer	Supported OS: Windows 7, 8, 10, Mac OS X 10.8, 10.9, 10.10, 10.11 Non-plugin Webviewer - Supported Browser: Google Chrome 47, MS Edge 20 - Support Codec: - Video: H.264, MJPEG (Max. 1M 15fps) - Audio: G.711 Plug-in Webviewer Supported Browser: MS Explore 11, Mozilla Firefox 43, Apple Safari 9* Mac OS X only
Central Management Software	SmartViewer
ENVIRONMENTAL	
Operating Temperature / Humidity	-30°C ~ +55°C (-22°F ~ +131°F) / Less than 90% RH * Start up should be done at above -20°C (-4°F)
Storage Temperature / Humidity	-30°C ~ +60°C (-22°F ~ +140°F) / Less than 90% RH
Ingress Protection / Vandal Resistance	IP66 / IK10
ELECTRICAL	
Input Voltage / Current	PoE (IEEE802.3af, Class3) / 12VDC
Power Consumption	Max. 7W (PoE), Max. 5.8W (12VDC): QNV-6010R Max. 6.8W (PoE), Max. 5.7W (12VDC): QNV-6020R/6030R
MECHANICAL	
Color / Material	Ivory / Metal
Dimensions (WxH)	Ø120.3 x 91.7mm (Ø4.74" x 3.61")
Weight	490g (1.08 lb)

* The latest product information / specification can be found at hanwha-security.eu