

# QND-6082R/6072R

2MP Network IR Dome Camera

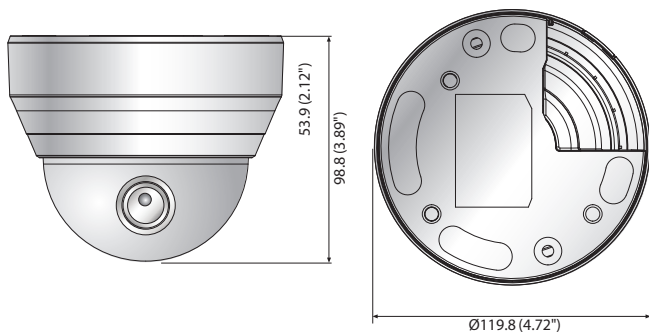


## Key Features

- Max. 2megapixel (1920 x 1080) resolution
- 0.095Lux (Color), 0Lux (B/W, IR LED on)
- 3.2 ~ 10mm (3.1x) varifocal lens
- Max. 30fps@2M 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 20m, PoE/12VDC

## Dimensions

Unit : mm (inch)



## Accessories (Optional)



	QND-6082R	QND-6072R
<b>VIDEO</b>		
Imaging Device	1/2.8" 2MP CMOS	
Effective Pixels	1920(H) x 1080(V)	
Min. Illumination	Color : 0.095Lux (F1.6, 1/30sec) BW : 0Lux (IR LED on)	
Video Out	CVBS : 1.0Vp-p / 75Ω composite, 720 x 480(N), 720 x 576(P) for installation	
<b>LENS</b>		
Focal Length (Zoom Ratio)	3.2~10mm(3.1x) motorized varifocal	3.2~10mm(3.1x) manual varifocal
Max. Aperture Ratio	F1.6(Wide)~F2.9(Tele)	
Angular Field of View	H : 109.0°(Wide)~33.2°(Tele) / V : 57.4°(Wide)~18.7°(Tele) / D : 132.0°(Wide)~38.0°(Tele)	
Focus Control	Simple focus	Manual
Lens Type	DC auto iris	
<b>PAN / TILT / ROTATE</b>		
Pan / Tilt / Rotate Range	0°~350° / 0°~67° / 0°~355°	
<b>OPERATIONAL</b>		
IR Viewable Length	20m (65.62ft)	
Camera Title	Displayed up to 85 characters	
Day & Night	Auto (ICR)	
Backlight Compensation	BLC, WDR, SDR	
Wide Dynamic Range	120dB	
Digital Noise Reduction	SSNR	
Motion Detection	4ea, polygonal zones	
Privacy Masking	6ea, rectangular zones	
Gain Control	Low / Middle / High	
White Balance	ATW / AWC / Manual / Indoor / Outdoor	
LDC	Support	
Electronic Shutter Speed	Minimum / Maximum / Anti flicker (1/5~1/12,000sec)	
Video Rotation	Flip, Mirror, Hallway view (90°/270°)	
Analytics	Defocus detection, Directional detection, Motion detection, Enter/Exit, Tampering, Virtual line	
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	Built-in mic	
<b>NETWORK</b>		
Ethernet	RJ-45 (10/100BASE-T)	
Video Compression	H.265/H.264 : Main/High, MJPEG	
Resolution	1920 x 1080, 1280 x 960, 1280 x 720, 800 x 600, 800 x 448, 720 x 576, 720 x 480, 640 x 480, 640 x 360	
Max. Framerate	H.265/H.264 : Max. 30fps/25fps (60Hz/50Hz) MJPEG : Max. 15fps/12fps (60Hz/50Hz)	
Smart Codec	WiseStream II	
Video Quality Adjustment	H.264/H.265 : Target bitrate level control MJPEG : Quality Level control	
Bitrate Control	H.264/H.265 : CBR or VBR MJPEG : VBR	
Streaming	Unicast (6 users) / Multicast Multiple streaming (Up to 3 profiles)	
Audio Compression	G.711 u-law /G.726 Selectable G.726 (ADPCM) 8KHz, G.711 8KHz G.726 : 16Kbps, 24Kbps, 32Kbps, 40Kbps	

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<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>Edge Storage</b>	Micro SD/SDHC/SDXC 1slot 128GB	
<b>Application Programming Interface</b>	ONVIF Profile S/G/T SUNAPI (HTTP API) Wisenet open platform	
<b>Webpage Language</b>	English, Korean, Chinese, French, Italian, Spanish, German, Japanese, Russian, Swedish, Portuguese, Czech, Polish, Turkish, Dutch, Hungarian, Greek	
<b>Web Viewer</b>	Supported OS : Windows 7, 8.1, 10, Mac OS X 10.12, 10.13, 10.14 Recommended Browser : Google Chrome Supported Browser : MS Explorer11, MS Edge, Mozilla Firefox(Windows 64bit only), Apple Safari(Mac OS X only)	
<b>Memory</b>	512MB RAM, 256MB Flash	
<b>ENVIRONMENTAL</b>		
<b>Operating Temperature / Humidity</b>	-10°C ~ +55°C (+14°F ~ +131°F) / Less than 90% RH	
<b>Storage Temperature / Humidity</b>	-30°C ~ +60°C (-22°F ~ +140°F) / Less than 90% RH	
<b>ELECTRICAL</b>		
<b>Input Voltage</b>	PoE (IEEE802.3af, Class3), 12VDC	
<b>Power Consumption</b>	PoE : Max 7.7W, typical 6W 12VDC : Max 6.5W, typical 5.1W	
<b>MECHANICAL</b>		
<b>Color / Material</b>	White / Plastic	
<b>RAL Code</b>	RAL9003	
<b>Product dimensions / weight</b>	Ø119.8 x 98.8mm (Ø4.72 x 3.89"), 320g (0.705 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**.