

# QNE-6080RV/6080RVW

2M Network IR Flateye Camera

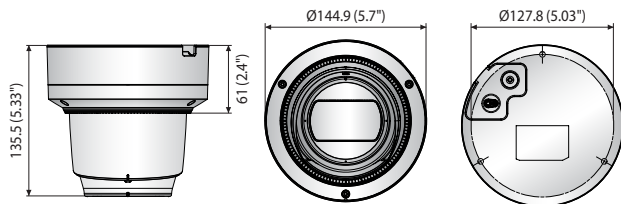


## Key Features

- Max. 2Megapixel (1920 x 1080) resolution
- 3.2~10mm (3.1x) motorized varifocal lens
- 0.2Lux@F1.6 (Color), 0Lux (B/W)
- Max. 30fps@2MP (H.265 / H.264)
- H.265, H.264, MJPEG codec support, Multiple streaming
- Day & Night, WDR (120dB)
- Tampering, Motion detection, Defocus detection
- Micro SD / SDHC / SDXC memory slot (Max. 128GB)
- Hallway view, WiseStream support
- IR Viewable length 30m
- LDC, PoE / 12V DC

## Dimensions

Unit : mm (inch)



## Accessories (Optional)



## QNE-6080RV / 6080RVW

<b>VIDEO</b>	
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 : 0.2Lux, B/W : 0Lux (IR LED On)
S/N Ratio	50dB
<b>LENS TYPE</b>	
Focal Length (Zoom Ratio)	3.2 ~ 10mm (3.1x) motorized varifocal
Max. Aperture Ratio	F1.6
Angular Field of View	H : 104.2°(Wide) ~ 31.2°(Tele) / V : 55.1°(Wide) ~ 17.5°(Tele) / D : 124.3°(Wide) ~ 35.8°(Tele)
Focus Control	Simple focus (Motorized V/F), Manual, Remote control via network
Lens Type	DC Auto Iris
Mount Type	Board type
<b>PAN / TILT / ROTATE</b>	
Pan / Tilt / Rotate Range	0° ~ 350° / 0° ~ 70° / 0° ~ 360°
<b>OPERATIONAL</b>	
IR Viewable Length	30m (98.43ft)
Camera Title	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
Day & Night	True Day & Night
Backlight Compensation	Off / BLC / WDR
Wide Dynamic Range	120dB
Digital Noise Reduction	SSNR (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)
<b>NETWORK</b>	
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, 640 x 360, 320 x 240
Max. Framerate	H.265 / H.264 : Max. 30fps at 2M 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 G.726 (ADPCM) 8KHz, G.711 8KHz, G.726 : 16Kbps, 24Kbps, 32Kbps, 40Kbps
Audio Communication	Uni-directional audio
IP	IPv4, IPv6
Protocol	TCP / IP, UDP / IP, RTP (UDP), RTP (TCP), RTCP, RTSP, NTP, HTTP, HTTPS, SSL / TLS, DHCP, PPPoE, FTP, SMTP, ICMP, IGMP, SNMPv1 / v2c / v3 (MIB-2), ARP, DNS, DDNS, QoS, PIM-SM, UPnP, Bonjour
Security	HTTPS (SSL) Login Authentication, Digest Login Authentication IP Address Filtering, User access Log, 802.1X Authentication
Streaming Method	Unicast / Multicast
Max. User Access	6 users at Unicast Mode
Edge storage	micro SD / SDHC / SDXC (Max. 128GB), 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, Korean, Chinese, French, Italian, Spanish, German, Japanese, Russian, Swedish, Portuguese, Czech, Polish, Turkish, Dutch, Hungary, Greek
Web Viewer	Supported OS : Windows 7, 8.1, 10, Mac OS X 10.9, 10.10, 10.11 Plug-in free Webviewer Supported Browser : Google Chrome 65, Firefox 59 (64bit only), MS Edge 41 Plug-in Webviewer Supported Browser : MS Explore 11, Apple Safari 11 * Mac OS X only
Central Management Software	SmartViewer
<b>ENVIRONMENTAL</b>	
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	IP66
Vandal Resistance	IK10
<b>ELECTRICAL</b>	
Input Voltage / Current	PoE (IEEE802.3af, Class3) / 12V DC
Power Consumption	Max. 8.3W (PoE), Max. 7.6W (DC12V)
<b>MECHANICAL</b>	
Color / Material	Ivory / Metal (QNE-6080RV), White / Metal (QNE-6080RVW)
Dimension	Ø144.9 x 135.5mm (Ø5.70" x 5.33")
Weight	1.3Kg (2.87lb)

\* The latest product information / specification can be found at 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.

# QNE-7080RV/7080RVW

4M Network IR Flateye Camera



QNE-7080RV

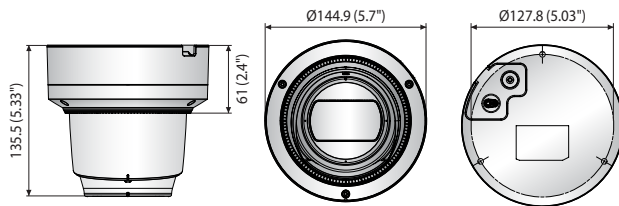
QNE-7080RVW

## Key Features

- Max. 4Megapixel (2592 x 1520) resolution
- 3.2~10mm (3.1x) motorized varifocal lens
- 0.2Lux@F1.6 (Color), 0Lux (B/W)
- Max. 20fps@4MP (H.265 / H.264), 30fps@2MP
- H.265, H.264, MJPEG codec support, Multiple streaming
- Day & Night, WDR (120dB)
- Tampering, Motion detection, Defocus detection
- Micro SD / SDHC / SDXC memory slot (Max. 128GB)
- Hallway view, WiseStream support
- IR Viewable length 30m
- LDC, PoE / 12V DC

## Dimensions

Unit : mm (inch)



## Accessories (Optional)



SBP-300HM5

SBP-300WM1

SBP-300CM

SBP-300NB

SBP-300B

SBP-300HMW5 (white)

SBP-300WMW1 (white)

SBP-300CMW (white)

SBP-300PM

SBP-300KM

## QNE-7080RV / 7080RVW

<b>VIDEO</b>	
Imaging Device	1 / 3" 4M CMOS
Total Pixels	2,720(H) x 1,536(V)
Effective Pixels	2,688(H) x 1,520(V)
Scanning System	Progressive
Min. Illumination	Color : 0.2Lux, B/W : 0Lux (IR LED On)
S/N Ratio	50dB
<b>LENS TYPE</b>	
Focal Length (Zoom Ratio)	3.2 ~ 10mm (3.1x) motorized varifocal
Max. Aperture Ratio	F1.6
Angular Field of View	H : 100.0°(Wide) ~ 30.5°(Tele) / V : 55.7°(Wide) ~ 18.3°(Tele) / D : 119.6°(Wide) ~ 35.3°(Tele)
Focus Control	Simple focus (Motorized V/F), Manual, Remote control via network
Lens Type	DC Auto Iris
Mount Type	Board type
<b>PAN / TILT / ROTATE</b>	
Pan / Tilt / Rotate Range	0° ~ 350° / 0° ~ 70° / 0° ~ 360°
<b>OPERATIONAL</b>	
IR Viewable Length	30m (98.43ft)
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Day & Night	True Day & Night
Backlight Compensation	Off / BLC / WDR
Wide Dynamic Range	120dB
Digital Noise Reduction	SSNR (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
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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)
<b>NETWORK</b>	
Ethernet	RJ-45 (10/100BASE-T)
Video Compression Format	H.265, H.264, MJPEG
Resolution	2592 x 1520, 2560 x 1440 (16:9), 2304 x 1296, 1920 x 1080, 1280 x 1024, 1280 x 960, 1280 x 720, 1024 x 768, 800 x 600, 800 x 448, 720 x 576, 720 x 480, 640 x 480, 640 x 360, 320 x 240
Max. Framerate	H.265 / H.264 : Max. 20fps at 4M, Max. 30fps at 2M 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
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Central Management Software	SmartViewer
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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
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Input Voltage / Current	PoE (IEEE802.3af, Class3) / 12V DC
Power Consumption	Max. 8.6W (PoE), Max. 7.7W (DC12V)
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