

# QNF-8010

6MP Network Fisheye Camera

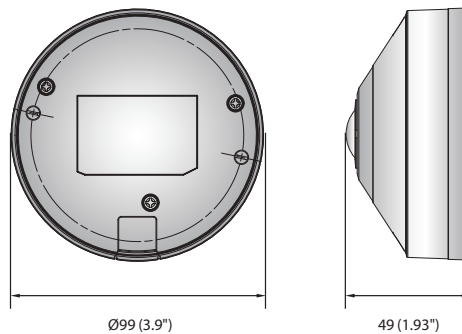


## Key Features

- Max. 2048 x 2048 resolution
- H.265, H.264, MJPEG codec
- Original fisheye view, Single panorama, Double panorama, Quad view
- WDR 120dB, WiseStreamII
- People counting, Heatmap
- Micro SD/SDHC/SDXC 1slot 256 GB, PoE

## Dimensions

Unit : mm (inch)



**QNF-8010**

<b>VIDEO</b>	
Imaging Device	1/1.8" 6MP CMOS
Effective Pixels	2048(H) x 2048(V)
Min. Illumination	Color : 0.2 Lux (F2.5, 1/30sec)
Video Out	CVBS : 1.0 Vp-p / 75Ω composite, 720 x 480(N), 720 x 576(P), for Installation
<b>LENS</b>	
Focal Length (Zoom Ratio)	1.14mm fixed focal
Max. Aperture Ratio	F2.5
Angular Field of View	H : 187° / V : 187° / D : 187°
Min. Object Distance	0.3 m
<b>OPERATIONAL</b>	
Camera Title	Displayed up to 85 characters
Day & Night	Auto (Electrical)
Backlight Compensation	BLC, HLC, WDR, SSSDR
Wide Dynamic Range	120dB
Digital Noise Reduction	SSNR V
Motion Detection	8ea, polygonal zones
Privacy Masking	6ea, Rectangle zones - Color : Gray / Green / Red / Blue / Black / White - Mosaic
Gain Control	Low / Middle / High
White Balance	ATW / AWC / Manual / Indoor / Outdoor
Electronic Shutter Speed	Minimum / Maximum / Anti flicker (2~1/12,000sec)
Digital PTZ	Support (Preset, Group)
Video Rotation	Flip, Mirror
Analytics	Defocus detection, Motion detection, Tampering
Business Intelligence	People counting, Heatmap
Alarm Triggers	Analytics, Network disconnect
Alarm events	File upload via FTP, E-Mail, Notification via E-Mail, SD/SDHC/SDXC or NAS recording at event triggers
<b>NETWORK</b>	
Ethernet	RJ-45 (10/100BASE-T)
Video Compression	H.265/H.264: Main/Baseline/High, MJPEG
Resolution	Original view : 2048 x 2048, 1280 x 1280, 1080 x 1080, 960 x 960, 768 x 768, 720 x 720, 640 x 640, 480 x 480 Single panorama : 2048 x 512, 1920 x 480, 1280 x 320, 640 x 160, 704 x 176 Double panorama : 2048 x 1024, 1920 x 960, 1280 x 640, 640 x 320, 704 x 352 Quad view : 2048 x 1536, 1600 x 1200, 1280 x 960, 1024 x 768, 800 x 600, 640 x 480, 704 x 576 Q1/2/3/4 : 1024 x 768, 800 x 600, 640 x 480
Max. Framerate	H.264/H.265 : 30fps/25fps@2048 x 2048 (60Hz/50Hz) MJPEG : Max 15fps
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	Multiple Streaming (Up to 3 Profiles)
Protocol	IPv4, IPv6, 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 (EAP-TLS, EAP-LEAP)

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<b>Edge Storage</b>	Micro SD/SDHC/SDXC 1slot 256 GB
<b>Application Programming Interface</b>	ONVIF Profile S/G SUNAPI (HTTP API) Wisenet open platform
<b>Webpage Language</b>	English, French, German, Spanish, Italian, Chinese, Korean, Russian, Japanese, Swedish, Portuguese, Czech, Polish, Turkish, Dutch, Hungarian, Greek
<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>Memory</b>	1024 MB RAM, 256 MB 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>	-50°C ~ +60°C (-58°F ~ +140°F) / Less than 90% RH
<b>ELECTRICAL</b>	
<b>Input Voltage</b>	PoE (IEEE802.3af, Class3)
<b>Power Consumption</b>	PoE : Max 6.4 W, Typical 4.6 W
<b>MECHANICAL</b>	
<b>Color / Material</b>	White / Plastic
<b>RAL code</b>	RAL9003
<b>Product dimensions / weight</b>	Ø99 x 49 mm (Ø3.9 x 1.93"), 320 g (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**.