

# QNF-8010

6MP Network Fisheye Camera



## Key Features

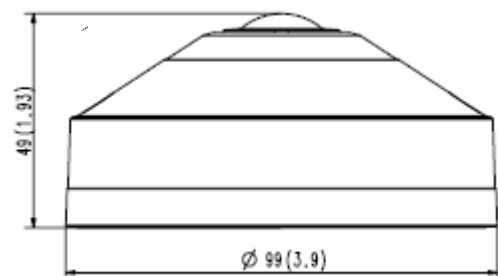
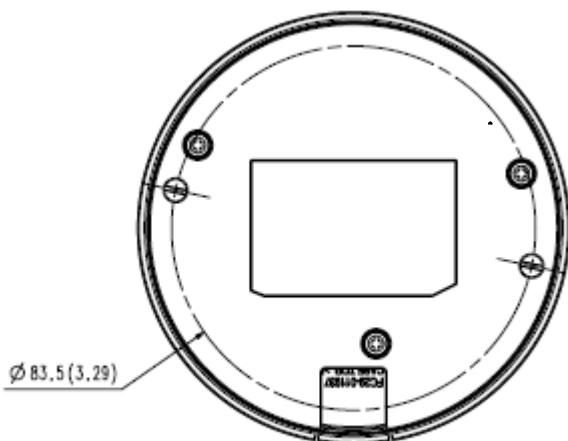
- 30fps@2048 x 2048
- H.265, H.264, MJPEG codec
- On-camera dewarping with multi-channel support: Original fisheye view, Single panorama, Double panorama, Quad view
- WDR 120dB, WiseStreamII
- Digital PTZ
- People counting, Heatmap
- Micro SD/SDHC/SDXC 1 slot maximum 256 GB, PoE powered

## Compatible Accessories (Optional)



## Dimensions

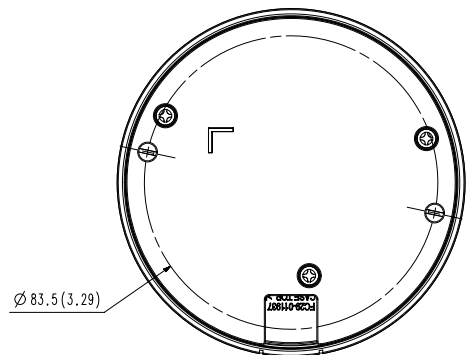
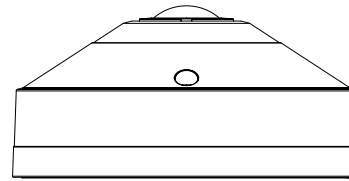
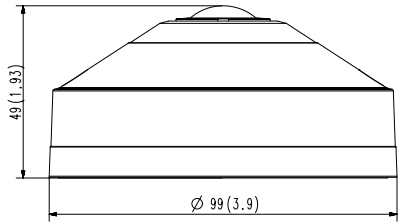
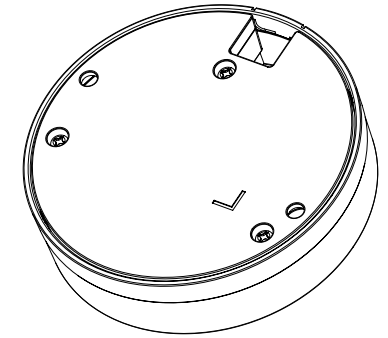
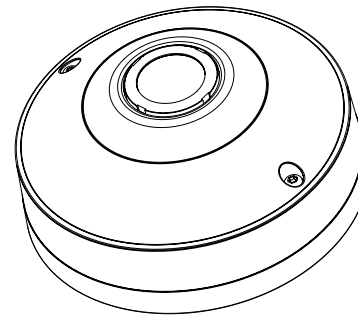
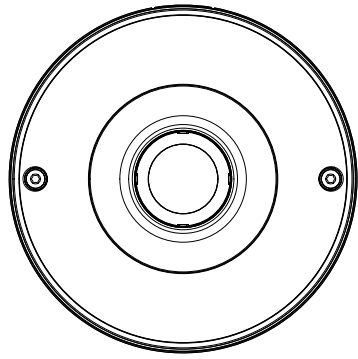
Unit : mm (inch)



<b>Video</b>	
<b>Imaging Device</b>	1/1.8" 6MP CMOS
<b>Resolution</b>	Original view: 2048x2048, 1280x1280, 1080x1080, 960x960, 768x768, 720x720, 640x640, 480x480 Single panorama: 2048x512, 1920x480, 1280x320, 640x160, 704x176 Double panorama: 2048x1024, 1920x960, 1280x640, 640x320, 704x352 Quad view: 2048x1536, 1600x1200, 1280x960, 1024x768, 800x600, 640x480, 704x576 Q1/2/3/4: 1024x768, 800x600, 640x480
<b>Maximum Framerate</b>	H.264/H.265 : 30fps@2048x2048 MJPEG : 15fps
<b>Minimum Illumination</b>	Color: 0.2 Lux (F2.5, 1/30sec)
<b>Video Out</b>	CVBS : 1.0 Vp-p / 75Ω composite, 720x480, for Installation
<b>Lens</b>	
<b>Focal Length (Zoom Ratio)</b>	1.14mm fixed focal
<b>Maximum Aperture Ratio</b>	F2.5
<b>Angular Field of View</b>	H: 187° / V: 187° / D: 187°
<b>Minimum Object Distance</b>	0.3m
<b>Operational</b>	
<b>Camera Title</b>	Displayed up to 85 characters
<b>Day &amp; Night</b>	Auto (Electrical)
<b>Backlight Compensation</b>	BLC, HLC, WDR, SDR
<b>Wide Dynamic Range</b>	120dB
<b>Digital Noise Reduction</b>	SSNR V
<b>Motion Detection</b>	8ea, polygonal zones
<b>Privacy Masking</b>	6ea, Rectangle zones - Color: Grey/Green/Red/Blue/Black/White - Mosaic
<b>Gain Control</b>	Low / Middle / High
<b>White Balance</b>	ATW / AWC / Manual / Indoor / Outdoor
<b>Electronic Shutter Speed</b>	Minimum / Maximum / Anti flicker (2~1/12,000sec)
<b>Video Rotation</b>	Flip, Mirror
<b>Analytics</b>	Defocus detection, Motion detection, Tampering
<b>Business Intelligence</b>	People counting, Heatmap
<b>Alarm Triggers</b>	Analytics, Network disconnect
<b>Alarm Events</b>	File upload via FTP and e-mail Notification via e-mail SD/SDHC/SDXC or NAS recording at event triggers
<b>Network</b>	
<b>Ethernet</b>	RJ-45(10/100BASE-T)
<b>Video Compression</b>	H.265/H.264: Main/Baseline/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), 2 virtual channels
<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, PIM-SM, UPnP, Bonjour
<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
<b>General</b>	
<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 10.12, 10.13, 10.14 Recommended Browser: Google Chrome Supported Browser : MS Internet Explorer 11, MS Edge, Mozilla Firefox (Windows 64-bit only), Apple Safari (Mac OS X only)
<b>Edge Storage</b>	Micro SD/SDHC/SDXC 1 slot maximum 256GB
<b>Memory</b>	1024MB RAM, 256MB Flash
<b>Environmental &amp; Electrical</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>Certification</b>	IP42
<b>Input Voltage</b>	PoE(IEEE802.3af, Class3)
<b>Power Consumption</b>	PoE: Maximum 6.4W, typical 4.6W
<b>Mechanical</b>	
<b>Color / Material</b>	White / Plastic
<b>RAL Code</b>	RAL9003
<b>Product Dimensions / Weight</b>	Ø99x49mm(Ø3.9x1.93"), 320g(0.705 lb)
<b>DORI (EN62676-4 standard)</b>	
<b>Detect</b>	25m (82.02ft)
<b>Observe</b>	10m (32.81ft)
<b>Recognize</b>	5m (16.40ft)
<b>Identify</b>	2.5m (8.2ft)

- The latest product information / specification can be found at [hanwhasecurity.com](http://hanwhasecurity.com)
- Design and specifications are subject to change without notice.
- Wisenet is the proprietary brand of Hanwha Techwin, formerly known as Samsung Techwin.



3		
2	QNF-9010	'19.11.29
1	QNF-8010	'19.09.02
No.	MODEL NAME	DATE
Unit:mm(inch)		SCALE:1/1
© Hanwha Techwin		

© Hanwha Techwin Co.,Ltd. All rights reserved.

A2