

# QND-8011/8021

5MP Network Dome Camera

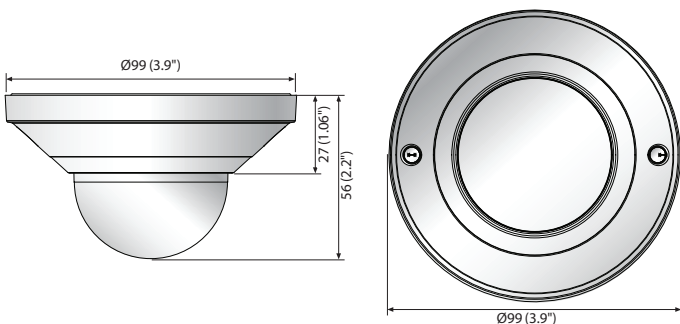


## Key Features

- Max. 5Megapixel (2592 x 1944) resolution
- 2.8mm/4mm fixed lens
- 0.15Lux (Color), WDR (120dB)
- Max. 30fps@5MP (H.265 / H.264)
- H.265, H.264, MJPEG codec support, Multiple streaming
- Tampering, Motion detection, Defocus detection
- Micro SD / SDHC / SDXC memory slot (Max. 128GB)
- Hallway view, WiseStream II support
- LDC, PoE

## Dimensions

Unit: mm (inch)



## Accessories (Optional)



SBP-120MMW



SBV-116BW

	QND-8011	QND-8021
<b>VIDEO</b>		
Imaging Device	1/2.8" 5MP CMOS	
Effective Pixels	2592(H) x 1944(V)	
Min. Illumination	Color : 0.15Lux (F2.0, 1/30sec)	Color : 0.15Lux (F1.6, 1/30sec)
Video Out	Micro HDMI (Type D) : 1080p@30/25fps (60/50Hz)	
<b>LENS</b>		
Focal Length (Zoom Ratio)	2.8mm fixed focal	4mm fixed focal
Max. Aperture Ratio	F2.0	F1.6
Angular Field of View	H : 104.4° / V : 76.7° / D : 136.1°	H : 80.1° / V : 58.0° / D : 105.8°
Focus Control	Fixed	
<b>PAN / TILT / ROTATE</b>		
Pan / Tilt / Rotate Range	0°~350° / 0°~69° / 0°~355°	
<b>OPERATIONAL</b>		
Camera Title	Displayed up to 85 characters	
Day & Night	Auto (Electrical)	
Backlight Compensation	BLC, WDR, SSSDR	
Wide Dynamic Range	120dB	
Digital Noise Reduction	SSNR	
Motion Detection	4ea, polygonal zones	
Privacy Masking	6ea, rectangular zones	
Gain Control	Support	
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, Motion detection, Tampering	
Business Intelligence	People counting	
Alarm Triggers	Analytics, Network disconnect	
Alarm events	File upload via FTP and 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/High, MJPEG	
Resolution	2592 x 1944, 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)	
Protocol	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	
Security	HTTPS (SSL) login authentication, Digest login authentication, IP address filtering, User access log, 802.1X authentication (EAP-TLS, EAP-LEAP)	
Edge Storage	Micro SD/SDHC/SDXC 1slot 128GB	
Application Programming Interface	ONVIF Profile S/G/T SUNAPI (HTTP API) Wisenet open platform	

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<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 ~ +40°C (+14°F ~ +104°F) / Less than 90% RH	
<b>Storage Temperature / Humidity</b>	-30°C ~ +60°C (-22°F ~ +140°F) / Less than 90% RH	
<b>Certification</b>	IP42, IK08	
<b>ELECTRICAL</b>		
<b>Input Voltage</b>	PoE (IEEE802.3af, Class2)	
<b>Power Consumption</b>	PoE : Max 5W, typical 4W	
<b>MECHANICAL</b>		
<b>Color / Material</b>	White / Plastic	
<b>RAL Code</b>	RAL9003	
<b>Product dimensions / weight</b>	Ø99 x 56mm (Ø3.9 x 2.2"), 165g (0.364 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**.