

# PNM-9084QZ

2M 4ch PTRZ Multi Directional Network Camera

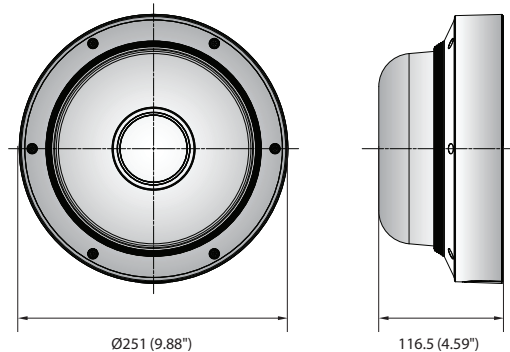


## Key Features

- 2MP x 4ch Multi-directional camera
- PTRZ support
- Max. 60fps@2M(H.265, H.264), Max. 30fps@2M(MJPEG)
- 3.0~6.0mm(2x) motorized varifocal lens
- H.265, H.264, MJPEG codec, Multi streaming
- Video analytics, WiseStream II
- IP66, IK10, NEMA4X

## Dimensions

Unit : mm (inch)



**PNM-9084QZ**

<b>VIDEO</b>	
Imaging Device	1/2.8" 2MP CMOS : each CH
Effective Pixels	1945(H)x1097(V) : each CH
Min. Illumination	Color : 0.08Lux ( F2.2, 1/30sec ), BW : 0.008Lux ( F2.2, 1/30sec )
<b>LENS</b>	
Focal Length (Zoom Ratio)	3~6mm (2x) motorized varifocal
Max. Aperture Ratio	F2.2(Wide)-F3.1(Tele)
Angular Field of View	H : 107°(Wide)~56.3°(Tele) / V : 57°(Wide)~31.5°(Tele) / D : 126°(Wide)~64.3°(Tele)
Min. Object Distance	0.5m (1.64ft)
Focus Control	Simple focus
Lens Type	DC Auto Iris
<b>PAN / TILT / ROTATE</b>	
Pan / Tilt / Rotate Range	Remote adjustment (Max. 200cycles) 0 ~ 360° / 0 ~ 90° / 0 ~ 90°
<b>OPERATIONAL</b>	
Camera Title	Displayed up to 85 characters
Day & Night	Auto (ICR)
Backlight Compensation	BLC, HLC, WDR, SSSDR
Wide Dynamic Range	120dB
Digital Noise Reduction	SSNR V
Digital Image Stabilization	Support
Defog	Support
Motion Detection	8ea, 8point polygonal zones
Privacy Masking	32ea, polygonal zones - Color : Grey, Green, Red, Blue, Black, White - Mosaic
Gain Control	Low / Middle / High
White Balance	ATW / AWC / Manual / Indoor / Outdoor
Contrast	Level adjustment
LDC	Support
Electronic Shutter Speed	Minimum / Maximum / Anti flicker (2~1/12,000sec)
Video Rotation	Flip, Mirror, Hallway view (90°/270°)
Analytics	Defocus detection, Directional detection, Fog detection, Face detection, Motion detection, Appear / Disappear, Enter / Exit, Loitering, Tampering, Virtual line, Audio detection
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 at event triggers Alarm output Handover
Audio In	Selectable (mic in / line in) Supply voltage : 2.5VDC (4mA), Input impedance : 2K Ohm
Audio Out	Line out, Max.output level : 1Vrms
<b>NETWORK</b>	
Ethernet	RJ-45 (10 / 100 / 1000 BASE-T)
Video Compression	H.265 / H.264 : Main / Baseline / High, MJPEG
Resolution	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. 60fps / 50fps (60Hz/50Hz) MJPEG : Max. 30fps / 25fps (60Hz/50Hz)
Smart Codec	Manual (5ea area), WiseStream II
Bitrate Control	H.264 / H.265 : CBR or VBR MJPEG : VBR

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<b>Streaming</b>	Unicast(10 users) / Multicast Multiple streaming(Up to 10 profiles)
<b>Audio Compression</b>	G.711 u-law / G.726 G.726(ADPCM) 8KHz, G.711 8KHz G.726 : 16Kbps, 24Kbps, 32Kbps, 40Kbps AAC-LC : 48Kbps at 16KHz
<b>Protocol</b>	IPv4, IPv6, TCP/IP, UDP/IP, RTP(UDP), RTP(TCP), RTCPRTSP, NTP, HTTP, HTTPS, SSL/TLS, DHCP, FTP, SMTP, ICMP, IGMP, SNMPv1/v2c/v3(MIB-2), ARP, DNS, DDNS, QoS, PIM-SM, 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 4slot 256GB (Each CH)
<b>Application Programming Interface</b>	ONVIF Profile S/T SUNAPI (HTTP API) Wisenet open platform
<b>Web Viewer</b>	Supported OS : Windows 7, 8.1, 10, Mac OS X 10.13 Recommended Browser : Google Chrome Supported Browser : MS Explore11, MS Edge, Mozilla Firefox (Window 64bit only), Apple Safari (Mac OS X only)
<b>Memory</b>	5GB RAM, 1280MB Flash
<b>ENVIRONMENTAL</b>	
<b>Operating Temperature / Humidity</b>	-40°C~+55°C(-40°F~+131°F) / Less than 90% RH *Start up should be above at -35°C
<b>Storage Temperature / Humidity</b>	-50°C~+60°C(-58°F~+140°F) / Less than 90% RH
<b>Certification</b>	IP66, IK10, NEMA4X
<b>ELECTRICAL</b>	
<b>Input Voltage</b>	HPoE (IEEE802.3bt)
<b>Power Consumption</b>	Max. 35W
<b>MECHANICAL</b>	
<b>Color / Material</b>	White / Aluminum
<b>RAL Code</b>	RAL9003
<b>Product dimensions / Weight</b>	Ø 251x116.5mm (9.88" x 4.59") / 3Kg (6.61lb)

\* 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**.