



## PNM-9000QB

4CH x 2MP Remote Head Camera

### Benefits

- Wisenet 7 chip offers increased Cyber Security and Enhanced Imaging.
- Offers various FOV that can respond to variety of environments with various lens modules.
- 4CH multi-head solution is suitable for retail/bank environment with optional bracket and cable.
- Ideal for stock rooms, warehouse, tight spaces and ATM's
- In the event an ATM is ripped from the wall, access to the network is a threat. Using the Remote Head camera isolates the network from attack as the cable attaching the head to the box unit is not a network interface.

### PNM-9000QB

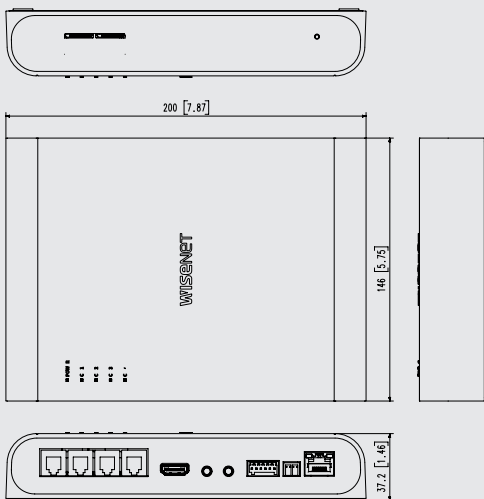
PNM-9000QB	
<b>VIDEO</b>	
Resolution	1920x1080, 1280x1024, 1280x960, 1280x720, 1024x768, 800x600, 800x448, 720x576, 720x480, 640x480, 640x360, 320x240
Max. Framerate	H.265/H.264: 2MP Max. 30fps/25fps(60Hz/50Hz) MJPEG: Max. 30fps/25fps(60Hz/50Hz)
Video Out	HDMI(1920x1080, Single/Quad view)
<b>LENS</b>	
Optional Lens	SLA-T1080FA, SLA-T2480A, SLA-T2480VA, SLA-T4680A, SLA-T4680VA
<b>OPERATIONAL</b>	
Camera Title	Displayed up to 85 characters
Day & Night	Auto(Electrical)
Backlight Compensation	BLC, HLC, WDR, SSSDR
Wide Dynamic Range	extreme WDR(120dB)
Digital Noise Reduction	SSNR V
Digital Image Stabilization	Support
Defog	Support
Motion Detection	8ea, 8point polygonal zones
Privacy Masking	32ea, polygonal zones - Colour: Grey/Green/Red/Blue/Black/White - Mosaic
Gain Control	Low / Middle / High
White Balance	ATW / AWC / Manual / Indoor / Outdoor
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, Motion detection, Enter/Exit, Tampering, Virtual line
Alarm I/O	Input 2ea / Output 2ea
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
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(10/100BASE-T)
Video Compression	H.265/H.264: Main/Baseline/High, MJPEG
Audio Compression	G.711 u-law /G.726 Selectable G.726(ADPCM) 8KHz, G.711 8KHz G.726: 16Kbps, 24Kbps, 32Kbps, 40Kbps AAC-LC: 48Kbps at 16KHz
Smart Codec	Manual(5ea area), WiseStreamII
Bitrate Control	H.264/H.265: CBR or VBR MJPEG: VBR
Streaming	Unicast(20 users) / Multicast Multiple streaming(Up to 12 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, PIM-SM, UPnP, Bonjour, LLDP
Security	HTTPS(SSL) Login Authentication Digest Login Authentication IP Address Filtering User access log 802.1X Authentication(EAP-TLS, EAP-LEAP) Device Certificate(Hanwha Techwin Root CA)
Application Programming Interface	ONVIF Profile S/T SUNAPI(HTTP API)

## Key Features

- 4 channels of 2MP video
- extreme WDR 120dB
- Defocus detection, directional detection, motion detection etc
- Max 30fps@2MP
- Compatible with remote lenses  
SLA-T4680A/T4680VA, SLA-T2480A/  
T2480VA, SLA-T1080FA

## Dimensions

Unit:mm(inch)



## PNM-9000QB

### GENERAL

Webpage Language	English, Korean, Chinese, French, Italian, Spanish, German, Japanese, Russian, Swedish, Portuguese, Czech, Polish, Turkish, Dutch, Hungarian, Greek
Edge Storage	Micro SD/SDHC/SDXC 2 x slot [each up to 256GB]
Memory	4GB RAM, 512MB Flash

### ENVIRONMENTAL & ELECTRICAL

Operating Temperature / Humidity	-10°C ~ +45°C(-40°F ~ +113°F) / Less than 95% RH (Non condensing)
Storage Temperature / Humidity	-50°C ~ +60°C(-58°F ~ +140°F) / Less than 90% RH
Input Voltage	PoE+(IEEE802.3at, Class4), 12VDC
Power Consumption	PoE : Max 22.00W, Typical 16.70W, DC : Max 19.00W, Typical : 14.00W

### MECHANICAL

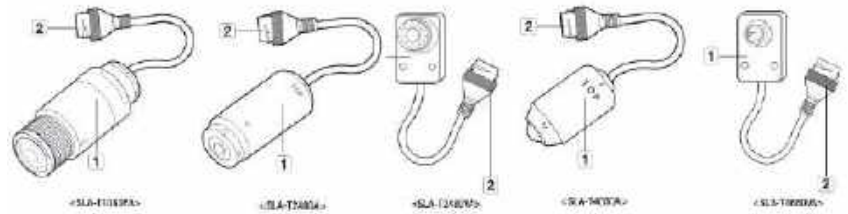
Colour / Material	White / Plastic
RAL Code	RAL9003
Product dimensions / weight	200(W)x37(H)x146(D)mm / 715g

\* The latest product information / specification can be found at [hanwha-security.eu](http://hanwha-security.eu)

\* Design and specifications are subject to change without notice.

\* Wisenet is the proprietary brand of Hanwha Techwin.

## Compatible Lenses



LENS	SLA-T1080FA	SLA-T2480A	SLA-T2480VA	SLA-T4680A	SLA-T4680VA
Sensor	1/2.8" 2M CMOS				
Pixels per sensor	1945 x 1097				
Scanning	Progressive				
Min illumination (Colour)	0.3Lux (F1.6, 1/30 sec)	0.45Lux (F2.0, 1/30 sec)		0.6Lux (F2.5, 1/30 sec)	
Focal Length	1.6mm fixed	2.4mm fixed		4.6mm fixed	
Colour	Black				
Material	Metal	Plastic & Metal	Plastic	Plastic & Metal	Plastic