



## 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

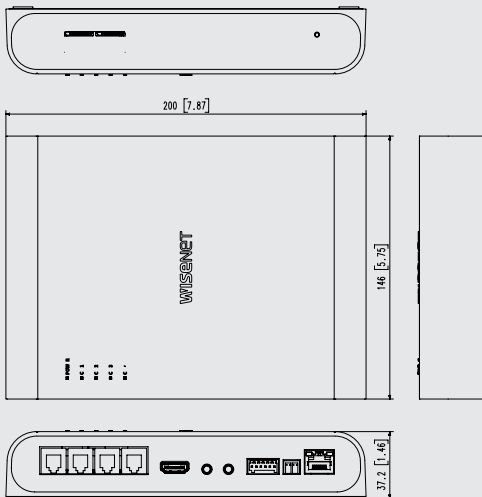
PNM-9000QB	
<b>VIDEO</b>	
Resolution	1920x1080, 1280x1024, 1280x960, 1280x720, 1024x768, 800x600, 800x448, 720x576, 720x480, 640x480, 640x360, 320x240
Max. Framerate	H.265/H.264: 2MP Max. 30fps/25fps(60Hz/50Hz) MJPEG: Max. 30fps/25fps(60Hz/50Hz)
Video Out	HDMI(1920x1080, Single/Quad view)
<b>LENS</b>	
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(150dB)
Digital Noise Reduction	SSNRV
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 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
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 10 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/G/T SUNAPI(HTTP API)

## Key Features

- 4 channels of 2MP video
- extreme WDR 150dB
- Defocus detection, directional detection, motion detection etc
- Max 30fps@2MP
- Compatible with 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
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Edge Storage	Micro SD/SDHC/SDXC 2slot 256GB(Each CH)
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Memory	TBD
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### ENVIRONMENTAL & ELECTRICAL

Operating Temperature / Humidity	-10°C ~ +45°C(-40°F ~ +113°F) / Less than 95% RH (Non condensing)
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Storage Temperature / Humidity	-50°C ~ +60°C(-58°F ~ +140°F) / Less than 90% RH
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Input Voltage	PoE+(IEEE802.3at, Class4), 12VDC
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Power Consumption	TBD
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### MECHANICAL

Colour / Material	White / Plastic
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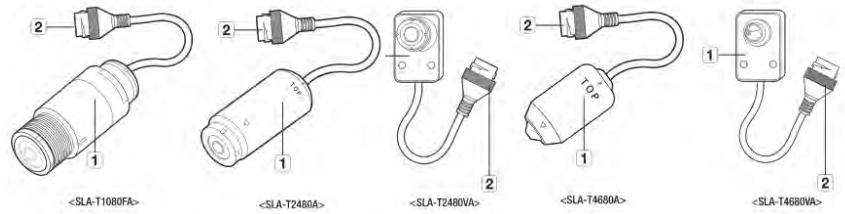
RAL Code	RAL9003
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Product dimensions / weight	TBD
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\* The latest product information / specification can be found at [hanwha-security.eu](http://hanwha-security.eu)

\* Wisenet is the proprietary brand of Hanwha Techwin.

## Compatible Lenses



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