PNM-9000QB

2MP x 4CH Remote Head Camera



Key Features

- 2MP x 4CH
- HDMI - Single/Quad view support
- WDR 120dB, WiseStreamII
- Defocus detection, directional detection, motion detection etc
- Max 30fps@2MP
- H.265, H.264, MJPEG

Compatible lenses


SLA-T1080FA


SLA-T2480VA


SLA-T2480A


SLA-T4680VA


SLA-T4680A

Compatible Accessories (Optional)


SBL-100C


SBL-100D

©2021 Hanwha Techwin Co., Ltd. All rights reserved.

Video	
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)
Lens	
Optional Lens	SLA-T1080FA, SLA-T2480A, SLA-T2480VA, SLA-T4680A, SLA-T4680VA
Operational	
Camera Title	Displayed up to 85 characters
Day & Night	Auto(Electrical)
Backlight Compensation	BLC, HLC, WDR, SSDR
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
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
Network	
Ethernet	RJ-45(10/100/1000BASE-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

©2021 Hanwha Techwin Co., Ltd. All rights reserved.

Smart Codec	Manual(5ea area), WiseStream II
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)
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 2slot [256 X 2 GB]
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	
Color / Material	White / Plastic
RAL Code	RAL9003
Product Dimensions / Weight	200(W)x37(H)x146(D)mm / 715g

- The lastest product information / specification can be found at hanwha-security.com
- Design and specifications are subject to change without notice.
- Wisenet is the proprietary brand of Hanwha Techwin, formerly known as Samsung Techwin.

©2021 Hanwha Techwin Co., Ltd. All rights reserved.

Compatible lenses

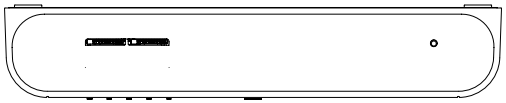
					
Video	**SLA-T1080FA**	**SLA-T2480VA**	**SLA-T2480A**	**SLA-T4680VA**	**SLA-T4680A**
Imaging Device	1/2.8" 2MP CMOS	1/2.8" 2MP CMOS	1/2.8" 2MP CMOS	1/2.8" 2MP CMOS	1/2.8" 2MP CMOS
Min. Illumination	Color: 0.03Lux(F1.6, 1/30sec)	Color: 0.045Lux(F2.0, 1/30sec)	Color: 0.045Lux(F2.0, 1/30sec)	Color: 0.06Lux(F2.5, 1/30sec)	Color: 0.06Lux(F2.5, 1/30sec)
Lens					
Focal Length (Zoom Ratio)	1.6mm fixed focal	2.4mm fixed focal	2.4mm fixed focal	4.6mm fixed focal	4.6mm fixed focal
Max. Aperture Ratio	F1.6	F2.0	F2.0	F2.5	F2.5
Angular Field of View	H: 187°, V: 113.9°	H: 138°, V: 73°, D: 165°	H: 138°, V: 73°, D: 165°	H: 73°, V: 39°, D: 85°	H: 73°, V: 39°, D: 85°
Mount Type	RJ12 connected with main unit	RJ12 connected with main unit	RJ12 connected with main unit	RJ12 connected with main unit	RJ12 connected with main unit
Focus Control	fixed	fixed	fixed	fixed	fixed
Mechanical					
Color / Material	Black / Metal	Black / Plastic, Metal	Black / Plastic	Black / Plastic, Metal	Black / Plastic
Product dimensions / weight	Ø35xL68.9mm, 430g	W30xH27.9xD45mm, 328g	Ø24xL49.8mm, 318g	W30xH27.9xD45mm, 321g	Ø24xL49.8mm, 310g

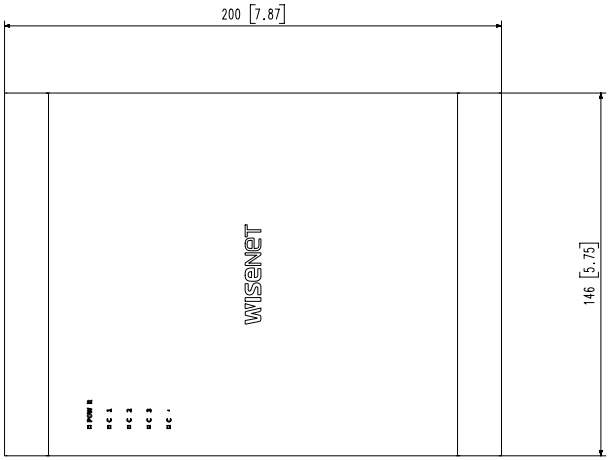
- The lastest product information / specification can be found at hanwha-security.com
- Design and specifications are subject to change without notice.
- Wisenet is the proprietary brand of Hanwha Techwin, formerly known as Samsung Techwin.

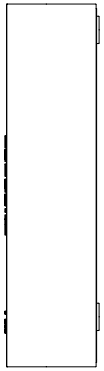
© 2021 Hanwha Techwin Co., Ltd. All rights reserved. 03-2021

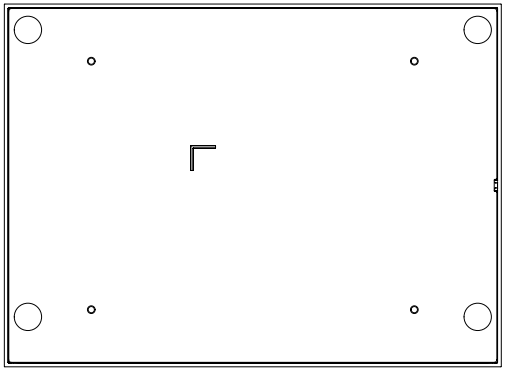
This parts should not contain any substances which are specified in AM60-0033K

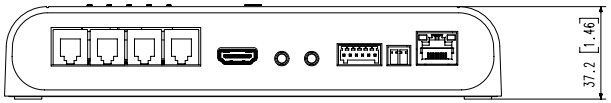
NO	PART NAME	CODE NO.	MATERIAL	Q'TY	REMARK
1	ASSY,FINAL-05,PNM-9000QB	074625	Check note	1	-











A1

1	PNM-9000QB	2020.08.26
No.	MODEL NAME	DATE
Unit:mm [inch]	SCALE:1/1	Hanwha Techwin

© 2021 Hanwha Techwin Co., Ltd. All rights reserved. 03-2021

WISENET