WISENET P series



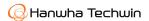
PNM-9002VQ

2MP/5MP x 4CH Multi-directional Camera

Benefits

- Monitor multiple directions simultaneously without blind spots by utilising 4 sensors in 1 camera body
- Ideal for monitoring wide areas such as shopping mall entrances, lobbies and airports
- The four sensors in the multi-directional camera move independently of one another. In addition, one of the sensors can easily be removed and attached in the centre of the camera, allowing for flexible set-up
- Create the most optimal field of view for the desired monitoring areas by choosing 4 lenses with combination of modules allowing up to 20MP resolution
- Lower down TCO (total cost of ownership) by using only one VMS licence, one cable for connecting to power and network (PoE)

	PNM-9002VQ	
VIDEO		
Resolution	[5MP] 2560x1920, 2560x1140,1920x1080, 1600x1200, 1280x1024, 1280x960, 1280x720, 1024x768, 800x600, 800x448, 720x576, 720x480, 640x480, 320x240 [2MP] 1920x1080, 1280x1024, 1280x960, 1280x720, 1024x768, 800x600, 800x448, 720x576, 720x480, 640x360, 640x480, 320x240	
Max. Framerate	H.265/H.264: 2MP Max. 60fps/50fps(60Hz/50Hz), 5MP Max. 30fps/25fps(60Hz/50Hz) MJPEG: Max. 30fps/25fps(60Hz/50Hz)	
Video Out	CVBS : 1.0 Vp-p / 75 Ω composite, 720x480(N), 720x576(P), for installation	
LENS		
Optional Lens	SLA-2M2400Q(2MP 2.4mm) SLA-2M2800Q(2MP 2.8mm) SLA-2M3600Q(2MP 3.6mm) SLA-2M6000Q(2MP 6.0mm) SLA-5M3700Q(5MP 3.7mm) SLA-5M4600Q(5MP 4.6mm) SLA-5M7000Q(5MP 7.0mm)	
OPERATIONAL		
Camera Title	Displayed up to 85 characters	
Day & Night	Auto(Electrical)	
Backlight Compensation	BLC, HLC, WDR, SSDR	
Wide Dynamic Range	150dB	
Digital Noise Reduction	SSNRV	
Digital Image Stabilization	Support	
Defog Motion Detection	Support 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, Face detection, Fog detection, Motion detection, Appear/Disappear, Enter/Exit, Loitering, Tampering, Virtual line	
Alarm Triggers	Analytics, Network disconnect	
Alarm Events	File upload via FTP and e-mail Notification via e-mail SD/SDHC/SDXC recording at event triggers	
NETWORK		
Ethernet	Metal shielded RJ-45(10/100BASE-T)	
Video Compression	H.265/H.264: Main/Baseline/High, MJPEG	
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)	



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Key Features

- Exchangeable 4ea x 2MP / 5MP lens modules
- 8MP to 20MP resolution (depend on the combination of lens modules)
- Max. 60fps@2MP (H.265 / H.264)
- WDR 150dB (2MP), 120dB (5MP)
- 2.4mm, 2.8mm, 3.6mm, 6mm fixed lens (2MP module)
- 3.7mm, 4.6mm, 7mm fixed lens (5MP module)
- H.265, H.264, MJPEG codec, Multi streaming support
- Video analytics, WiseStream II
- IP66, IK10
- PoE+

	PNM-9002VQ
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)
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 4slot 256GB(Each CH)
Memory	3GB RAM, 768MB Flash
ENVIRONMENTAL & ELECTRICAL	
Operating Temperature / Humidity	-40°C ~ +55°C(-40°F ~ +131°F) / Less than 90% RH

- *The latest 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.