



Network

Multi-sensor

PNM-9085RQZ1

5MP x 4CH IR PTRZ Multi-directional Camera



Key Features

- Motorized PTRZ support
- Maximum 30fps@5MP(H.265, H.264)
- 4.13~9.4mm(2.3x) motorized varifocal lens
- IR viewable length : 30m(98.43ft)
- H.265, H.264, MJPEG codec, Multi streaming
- Video analytics, WiseStream II
- IP66, IK10, NEMA4X

PNM-9085RQZ1

5MP x 4CH IR PTRZ Multi-directional Camera



Specifications

Video	
Imaging Device	1/1.8" 5MP CMOS x 4CH
Resolution	2560x1920, 2560x1440, 1920x1080, 1600x1200, 1280x1024, 1280x960, 1280x720, 1024x768, 800x600, 800x448, 720x576, 720x480, 640x480, 640x360, 320x240
Max. Framerate	Max. 30fps/25fps (60Hz/50Hz) at all resolutions Max. 30fps/25fps (60Hz/50Hz)
NETD	None
Pixel Size	None
Min. Illumination	Color: 0.11lux(F1.92, 30 IRE) BW: 0Lux(IR LED on)
Video Out	None
Video Transmission Distance	None
Lens	
Focal Length (Zoom Ratio)	4.13~9.4mm(2.3x)motorized varifocal
Max. Aperture Ratio	F1.92(Wide)~F2.67(Tele)
Angular Field of View	H: 87.58°(Wide)~37.34°(Tele) / V: 64.58°(Wide)~28.04°(Tele) / D: 112.46°(Wide)~46.85°(Tele)
Min. Object Distance	1.2m(3.94ft)
Focus Control	Simple focus
Lens Type	DC auto iris
Mount Type	None
Optional Lens	None
Pan / Tilt / Rotate	
Pan / Tilt / Rotate Range	Remote adjustment (Max. 200cycles) 0~360- / 35~80- / 0~90-
Pan Range	None
Pan Speed	None
Tilt Range	None
Tilt Speed	None
Rotate Range	None
Sequence	None
Preset Accuracy	None
Operational	
Camera Title	Displayed up to 85 characters
Direction Indicator	None
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, 4point 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)
Digital PTZ	None
Video Rotation	Flip, Mirror
Analytics	Defocus detection, Directional detection, Fog detection, Face detection, Motion detection, Appear/Disappear, Enter/Exit, Loitering, Tampering, Virtual line, Audio detection
Business Intelligence	None
Serial Interface	None
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
IR Viewable Length	30m(98.43ft)
IR Illuminator (Optional)	None
Water Removal	None
Auto Tracking	None
Coaxial Protocol	None
Color Palettes	None
Radiometry	
Temperature detect range	None
Temperature accuracy	None
Temperature detection	None
Additional	None
Network	
Ethernet	Metal shielded RJ-45(10/100/1000BASE-T)
Video Compression	H.265/H.264: Main/Baseline/High, MJPEG
Audio Compression	G.711 u-law /G.726 G.726(ADPCM) 8KHz, G.711 8KHz G.726: 16Kbps, 24Kbps, 32Kbps, 40Kbps AAC-LC: 48Kbps at 16KHz
Smart Codec	Manual(5ea area), WiseStream II
Video Quality Adjustment	H.264/H.265: Target bitrate level control MJPEG: Target bitrate level control
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)
Application Programming Interface	ONVIF Profile S/T SUNAPI(HTTP API) Wisenet open platform

General

Webpage Language	English, Korean, Chinese, French, Italian, Spanish, German, Japanese, Russian, Swedish,, Portuguese, Czech, Polish, Turkish, Dutch, Hungarian, Greek
Web Viewer	None
Edge Storage	Micro SD/SDHC/SDXC 4slot 256GB(each CH)
Memory	5GB RAM, 1280MB Flash

Environmental & Electrical

Operating Temperature / Humidity	-40°C~+55°C(-40°F~+131°F) / Less than 90% RH
Storage Temperature / Humidity	-50°C~+60°C(-58°F~+140°F) / Less than 90% RH
Certification	IP66, IK10, NEMA4X
Input Voltage	HPoE(IEEE802.3bt, Class6, Type3), 12VDC
Power Consumption	PoE: Max. 45 W, Typical 33.7 W 12VDC: Max. 42 W, Typical 32 W

Mechanical

Color / Material	White / Aluminum
RAL Code	RAL9003
Product dimensions / weight	Ø315x145.9 mm(12.40"x5.74") / 5.2 kg(11.5lb)
Compatible Conduit hole / Gangbox	3/4"
Hanging mount(Dome)	SBP-317HMW
Skin cover(Dome)	None
Weather cap(Dome)	None
Power module	None
Backbox	None

DORI (EN62676-4 standard)

Detect (25PPM/ 8PPF)	Wide: 53.4m(175.2ft) / Tele: 151.5m(497.1ft)
Observe (63PPM/ 19PPF)	Wide: 21.4m(70.1ft) / Tele: 60.6m(198.9ft)
Recognize (125PPM/ 38PPF)	Wide: 10.7m(35.0ft) / Tele: 30.3m(99.4ft)
Identify (250PPM/ 76PPF)	Wide: 5.3m(17.5ft) / Tele: 15.2m(49.7ft)

PNM-9085RQZ1

5MP x 4CH IR PTRZ Multi-directional Camera



CAD

Unit:mm [inch]

