



PNM-8082VT

2MP x 3ch H.265 Multi-directional Camera

Benefits

- A practical and cost-effective alternative to deploying three standard fixed cameras for when you need to 'see around corners'.
- Removes the risk that important video evidence might be missed.
- IP66, IK10 and NEMA4X ratings for protection against water, dust and mechanical impact, makes the PNM-8082VT an ideal choice for outdoor applications.
- Offers an equally affordable solution for indoor applications, such as when there is a requirement to observe activity taking place in adjacent corridors.
- Each sensor offers true day/night camera functionality and is able to catch 2-megapixel high definition colour images when the lighting level is as low as 0.04 Lux.
- Using WiseStreamII, a complementary compression technology which dynamically controls encoding, balancing quality and compression, according to movement in the image. Bandwidth efficiency is improved by up to 75% (compared to current H.264 technology when WiseStream).
- Equipped with Wisenet 7 chipset with its industry leading cyber security features and cutting edge image processing technology.
- Clear and sharp images. Equipped with Hanwha Techwin proprietary 'extreme' Wide Dynamic Range (WDR) ideal for scenes containing a challenging mix of bright and dark areas.

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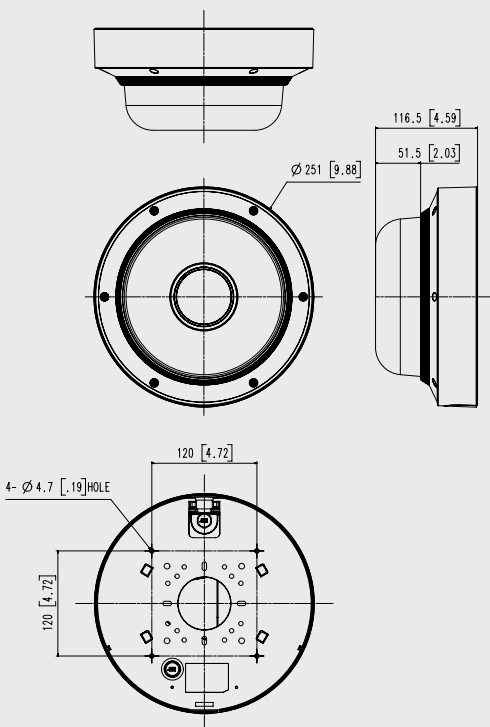
PNM-8082VT	
VIDEO	
Imaging Device	1/2.8" CMOS x 3CH
Resolution	1920x1080, 1280x1024, 1280x960, 1280x720, 1024x768, 800x600, 800x448, 720x576, 720x480, 640x480, 640x360, 320x240
Max. Framerate	H.265/H.264: Max. 30fps/25fps(60Hz/50Hz) MJPEG: Max. 30fps/25fps(60Hz/50Hz)
Min. Illumination	Colour: 0.04lux(F2.2, 1/30sec) BW: 0.004lux(F2.2, 1/30sec)
Video Out	CVBS: 1.0 Vp-p / 75Ω composite, 720x480(N), 720x576(P) for installation
LENS	
Focal Length (Zoom Ratio)	3~6mm(2x) motorized varifocal
Max. Aperture Ratio	F2.2(Wide)-F3.1(Tele)
Angular Field of View	H: 107°(Wide)~56.3°(Tele) / V: 57°(Wide)~31.5°(Tele) / D: 126°(Wide)~64.3°(Tele)
Min. Object Distance	0.5m(1.64ft)
Focus Control	Simple focus
Lens Type	DC auto iris
PAN / TILT / ROTATE	
Pan / Tilt / Rotate Range	0~360° / 0~73° / 0~90°
OPERATIONAL	
Camera Title	Displayed up to 85 characters
Day & Night	Auto(ICR)
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
Analytics	Defocus detection, Directional detection, Motion detection, Enter/Exit, Tampering, Virtual line
Alarm Triggers	Analytics, Network disconnect
Alarm Events	File upload via FTP and e-mail Notification via e-mail SD/SDHC/SDXC at event triggers Handover
NETWORK	
Ethernet	Metal shielded RJ-45(10/100BASE-T)
Video Compression	H.265/H.264: Main/Baseline/High, MJPEG
Smart Codec	Manual(Sea 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, SRTMP

Key Features

- 2MP x 3ch Multi-directional camera
- Max. 30fps (H.265, H.264, MJPEG)
- 3.0~6.0mm(2x) motorized varifocal lens
- H.265, H.264, MJPEG codec, Multi streaming
- Video analytics, WiseStreamII
- IP66, IK10, NEMA4X

Dimensions

Unit:mm(inch)



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NETWORK

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)

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 512x2GB
Memory	TBD

ENVIRONMENTAL & ELECTRICAL

Operating Temperature / Humidity	-40°C~+55°C(-40°F~+131°F) / Less than 95% RH (Non condensing) *Start up should be above at -35°C
Storage Temperature / Humidity	-50°C~+60°C(-58°F~+140°F) / Less than 90% RH
Certification	IP66, IK10, NEMA4X
Input Voltage	PoE+
Power Consumption	TBD

MECHANICAL

Colour / Material	White / Aluminum
RAL Code	RAL9003
Product dimensions / weight	$\varnothing 251 \times 116.5$ mm / 3Kg

DORI (EN62676-4 STANDARD)

Detect (25PPM/ 8PPF)	Wide: 28.4m(11.18ft) / Tele: 71.8m(28.27ft)
Observe (63PPM/ 19PPF)	Wide: 11.4m(4.49ft) / Tele: 28.7m(11.30ft)
Recognize (125PPM/ 38PPF)	Wide: 5.7m(2.24ft) / Tele: 14.4m(5.67ft)
Identify (250PPM/ 76PPF)	Wide: 2.8m(1.10ft) / Tele: 7.8m(3.07ft)

* 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.