

Network

PNM-8082VT

2MP x 3ch Multi-directional Camera

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, WiseStream II
- IP66, IK10, NEMA4X

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2MP x 3ch Multi-directional Camera



Specifications

Video

Imaging Device	Size	1/2.8"
	Type	CMOS
Resolution		1920x1080, 1280x1024, 1280x960, 1280x720, 1024x768, 800x600, 800x448, 720x576, 720x480, 640x480, 640x360, 320x240
Max. Framerate	H.265/H.264	30fps/25fps(60Hz/50Hz)
	MJPEG	30fps
Min. Illumination (Lux)	Color(1/30sec, 30IRE)	0.04
	BW(1/30sec, 30IRE)	0.004
Video Out		CVBS: 1.0 Vp-p / 75Ω composite for installation

Lens

Focal Length (mm)		3~6
Zoom Ratio	Optical	2x
Max Aperture Ratio (F number)	Wide	2.2
	Tele	3.1
Angular Field of View	Horizontal	107°~56°
	Vertical	57°~31°
	Diagonal	126°~64°
Min. Object Distance		0.5m(1.64ft)
Focus Control		Simple focus
Lens Type		Fixed iris

Pan / Tilt / Rotate

Pan / Tilt / Rotate Range	Pan	0°~360°
	Tilt	0°~73°
	Rotate	0°~90°

Operational

Day & Night	Auto(ICR)
Backlight Compensation	BLC, HLC, WDR, SSDR

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Operational

Wide Dynamic Range (dB)		150
Digital Noise Reduction		SSNR V
Digital Image Stabilization		Support
Defog		Support
Motion Detection	Quantity	8ea
	Shape	8point Polygonal zones
Privacy Masking	Quantity	32ea
	Shape	Polygonal zones
	Color / Option	Gray, Green, Red, Blue, Black, White, Mosaic
Gain Control		Low, Middle, High
White Balance		ATW, AWC, Manual, Indoor, Outdoor
LDC		Support
Electronic Shutter	Mode	Minimum, Maximum, Anti flicker
	Speed Range	2~1/12,000sec
Video Rotation		Flip, Mirror
Alarm Triggers		Analytics, Network disconnect
Alarm Events When Alarm Trigger Occurred		File upload(image): e-mail/FTP, Notification: e-mail, Recording: SD/SDHC/SDXC or NAS recording at event triggers, Handover: PTZ preset

Analytics

Analytics Events	Normal	Defocus detection, Motion detection, Tampering, Virtual area(Lotering, Intrusion, Enter/Exit, Appear/Disappear), Virtual line(Crossing, Direction)

Network

Ethernet		Metal shielded RJ-45(10/100/1000BASE-T)
Video Compression		H.265/H.264: Main/Baseline/High, MJPEG
Smart Codec		Manual, WiseStream II
Bitrate Control		H.265/H.264: CBR or VBR, MJPEG: VBR
Streaming	Unicast	Up to 20 users
	Multicast	Support
	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, IGMPv2, SNMPv1/v2c/v3(MIB-2), ARP, DNS, DDNS, QoS, UPnP, Bonjour, LLDP, SRTP(TCP, UDP Unicast), PIM-SM
Application Programming Interface	ONVIF	S, G, T
	Others	SUNAPI(HTTP API)
Direct Cloud Connection		Optional (needs gateway)

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Security

User authentication	Digest authentication
Network authentication	IEEE 802.1X(EAP-TLS, EAP-LEAP)
Secure Communication	HTTPS, SRTP
Access Control	IP-based access control
Data Protect	Encryption credentials, Encrypt compress for live recording file export
Audit	Access / System / Event Log management
Device ID	Device certificate(Hanwha Vision Root CA)
Secure Storage	SDcard partition encrypt(AES-256)

General

Memory	RAM	4GB
	Flash	512MB
Edge Storage	Micro SD/SDHC/SDXC	Max. 256GB x 2slot(Total 512GB)

Environmental & Electrical

Operating Condition	Temperature	-40°C~+55°C(-40°F~+131°F)
	Humidity	0~95% RH(non-condensing)
Storage Condition	Temperature	-50°C~+60°C(-58°F~+140°F)
	Humidity	0~90% RH(non-condensing)
Input Voltage		PoE+(IEEE802.3at, Class4)
Power Consumption	PoE	Max : 16.5W, Typical : 8.2W

Mechanical

Color	White
Material	Aluminum
RAL Code	RAL9003
Product Dimensions	Ø251x116.5mm
Product Weight	3,000g(6.61lb)
Compatible Conduit Hole	19.1mm(3/4")(M25)
Compatible Gang Box	Single, Double, 4" Octagon, Square

Certifications & Standards

Environment	IEC 60529 IP66, IEC 62262 IK10, NEMA 250 type 4X

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)

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DORI (EN62676-4 standard)

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)

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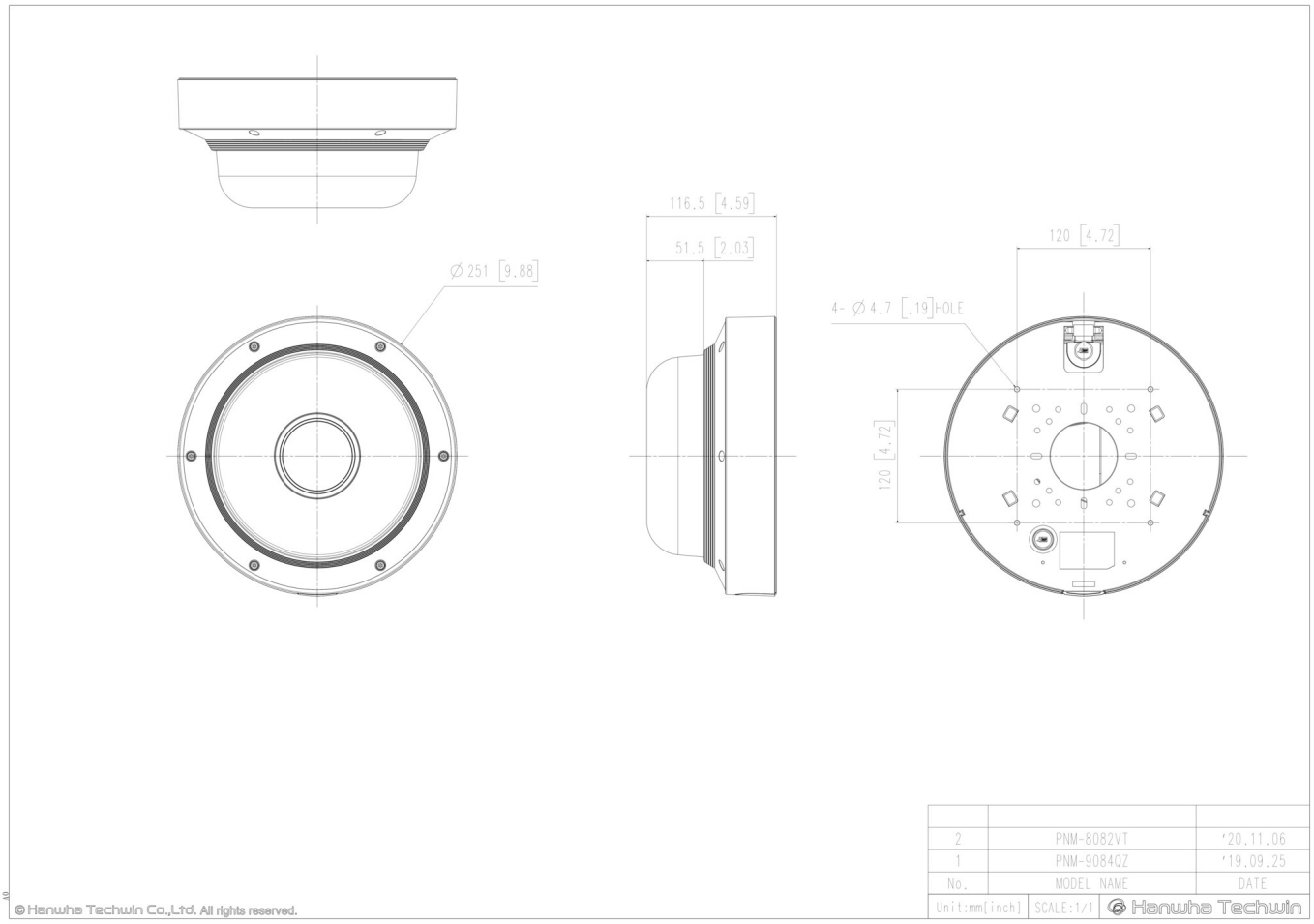
CAD

Unit: mm [inch]



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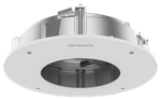
Compatible Devices



SBP-300LMW



SHD-2510FPW



SBP-300WMW1



SBP-300KMW



SBP-300BW



SBP-300PMW



SBP-276HMW



SBP-300WMW



SBP-390WMW2



SBP-300NBW



SBP-300CMW

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