

Network

PNM-9084QZ1

2MP x 4CH PTRZ Multi-directional Camera

Key Features

- Motorized PTRZ support
- Maximum 60fps@2MP(H.265, H.264)
- 3~6mm(2x) motorized varifocal lens
- H.265, H.264, MJPEG codec, Multi streaming
- Video analytics, WiseStream II
- IP66, IK10, NEMA4X

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Specifications

映像

Imaging Device	サイズ	1/2.8"
	タイプ	CMOS
解像度		1920x1080, 1280x1024, 1280x960, 1280x720, 1024x768, 800x600, 800x448, 720x576, 720x480, 640x480, 640x360, 320x240
Max. Framerate	H.265/H.264	60fps/50fps(60Hz/50Hz)
	MJPEG	30fps
Min. Illumination (Lux)	Color(1/30sec, 30IRE)	0.04
	BW(1/30sec, 30IRE)	0.004

レンズ

Focal Length (mm)		3~6
Zoom Ratio	Optical	2x
Max Aperture Ratio (F number)	Wide	2.2
	Tele	3.1
視野角度	Horizontal	107°~56°
	Vertical	57°~31°
	Diagonal	126°~64°
Min. Object Distance		0.5m(1.64ft)
Focus Control		シンプルフォーカス
Lens Type		Fixed iris

Pan / Tilt / Rotate

Pan / Tilt / Rotate Range	Pan	0°~360°
	Tilt	0°~73°
	回転	0°~90°
	その他	Remote adjustment(Max. 200cycles)

技能

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

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技能

Wide Dynamic Range (dB)		120
Digital Noise Reduction		SSNR V
Digital Image Stabilization		サポート
曇り除去		サポート
モーション検知	Quantity	8ea
	Shape	8point Polygonal zones
Privacy Masking	Quantity	32ea
	Shape	4point Quadrangle zones
	Color / Option	灰色, 緑, Red, 青, 黒, 白, モザイク
ゲイン制御		低, 中, 高
ホワイトバランス		ATW, AWC, 手動, 室内, 屋外
LDC		サポート
Electronic Shutter	モード	最小, 最大, アンチフリッカー
	Speed Range	2~1/12,000sec
ビデオ回転		FLIPモード, ミラー
Alarm Interface	In/Out	Input 1ea, Output 1ea
Alarm Triggers		分析, ネットワーク切断, アラーム入力
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,アラーム出力, Handover: PTZ preset
オーディオ入力		Selectable(mic in/line in)
オーディオ出力		Line out

分析

分析イベント	通常	焦点ぼけ検知, モーション検知, タンパリング, フォグ検出, 顔検出, 音声検出, Virtual area(Lotering, Intrusion, Enter/Exit, Appear/Disappear), Virtual line(Crossing, Direction)

ネットワーク

Ethernet		Metal shielded RJ-45(10/100/1000BASE-T)
映像圧縮		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
Smart codec		手動, WiseStream II
ビットレートコントロール		H.265/H.264: CBR or VBR, MJPEG: VBR
Streaming	Unicast	最大 20ユーザー
	マルチキャスト	サポート
	Multiple Streaming	最大 10プロファイル

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ネットワーク

プロトコル		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, UPnP, Bonjour, LLDP
Application Programming Interface	ONVIF	s, T
	その他	SUNAPI(HTTP API), Hanwha Vision Open Platform
Direct Cloud Connection		Optional (needs gateway)

セキュリティ

ユーザー認証	ダイジェスト認証
Network authentication	IEEE 802.1X(EAP-TLS, EAP-LEAP)
Secure Communication	HTTPS
Access Control	IP-based access control
Data Protect	Encryption credentials, Encrypt compress for live recording file export
Audit	Access / System / Event Log management
デバイスID	Device certificate(Hanwha Vision Root CA)

一般

メモリ	RAM	5GB
	フラッシュ	1280MB
Edge Storage	Micro SD/SDHC/SDXC	Max. 256GB x 4slot(Total 1TB)

Environmental & Electrical

動作条件	温度	-40°C~+55°C(-40°F~+131°F)
	湿度	0~90% RH(non-condensing)
	その他	Start up should be done at above -35°C
保管条件	温度	-50°C~+60°C(-58°F~+140°F)
	湿度	0~90% RH(non-condensing)
Input Voltage		HPoE(IEEE802.3bt type4, Class8)
消費電力	PoE	Max. 33W, typical 20W

Mechanical

カラー	白
材料	アルミニウム
RAL Code	RAL9003
Product Dimensions	ø251x116.5mm(9.88x4.59")
Product Weight	3,000g(6.61lb)
Compatible Conduit Hole	19.1mm(3/4")(M25)
Compatible Gang Box	シングル, Double, 4" Octagon, 正方形

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Certifications & Standards

環境	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)
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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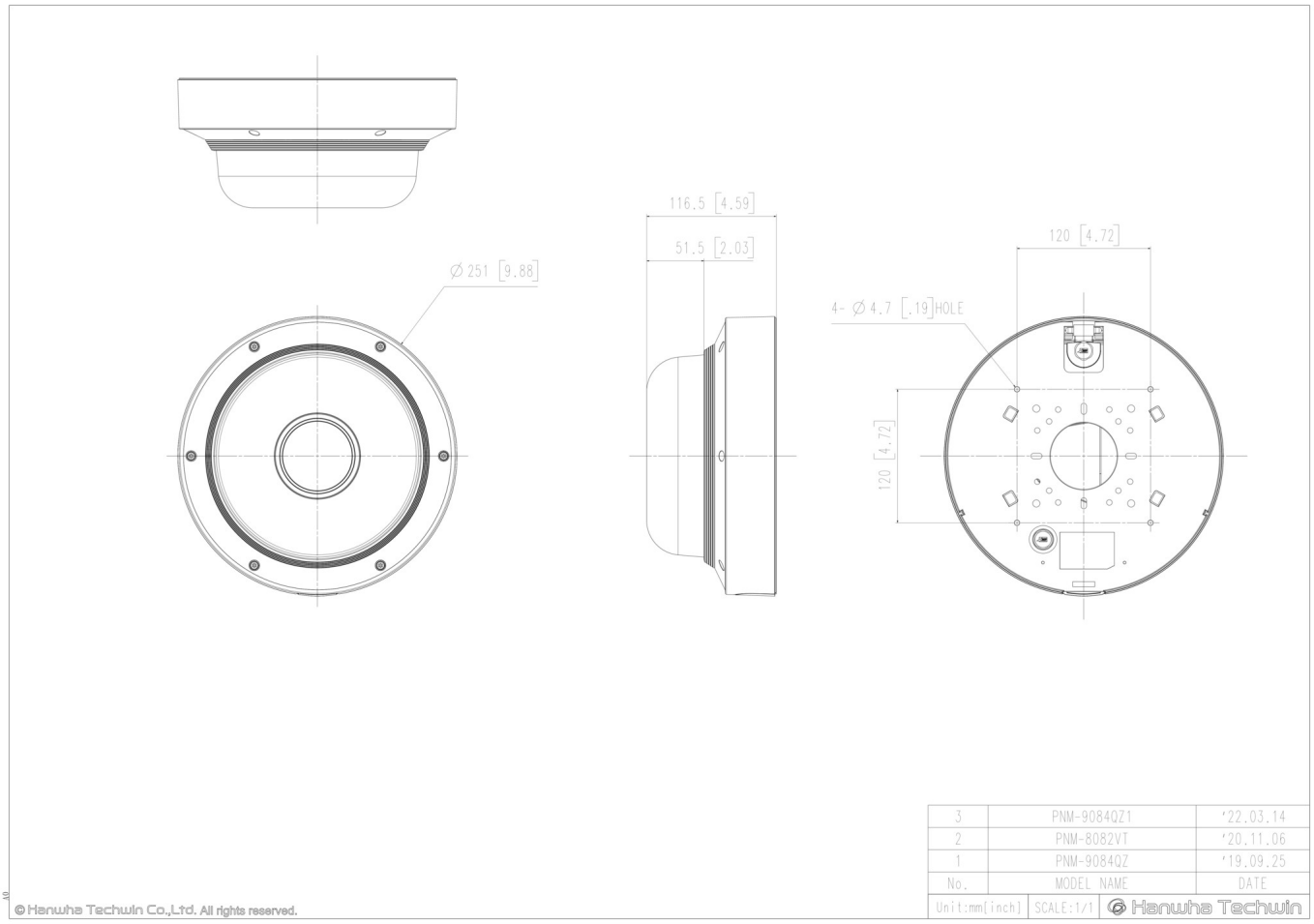
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CAD

Unit: mm [inch]



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