

Network

PNM-7082RVD

2MP x 2CH Multi-directional Camera

Key Features

- WiseNR, WiseStream II , extremeWDR (150dB)
- Maximum 1920x1080 resolution
- Maximum 30fps/25fps@2MP
- Color: 0.035lux(F2.2, 1/30sec, 30IRE), 0 Lux (IR LED on)
- 3~6mm(2x) motorized varifocal, 75° tilt angle
- IR viewable length: IR 25m(82ft)
- TPM 2.0(FIPS 140-2 certified)
- IP66, IK10, NEMA4X

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2MP x 2CH Multi-directional Camera



Specifications

映像

Imaging Device	サイズ	1/2.8"
	タイプ	CMOS
解像度		1920x1080, 1600x1200, 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)	0.035
	BW(1/30sec, 30IRE)	0.0035
Video Out		USB: Micro USB Type B. Preview and installation ONLY. Requires WiFi dongle.

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, 手動
Lens Type		Fixed iris

Pan / Tilt / Rotate

Pan / Tilt / Rotate Range	Pan	0°~355°
	Tilt	0°~78°
	回転	0°~180°

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		WiseNR, SSNR V
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		オフ, 最大ゲイン, 手動
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, Hallway view(90°/270°)
Alarm Interface	その他	Support alarm I/O via optional I/O box
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,send message by HTTP/HTTPS/TCP
オーディオ入力		オプションの I/O ボックスでサポート
オーディオ出力		オプションの I/O ボックスでサポート
Light Type		IR LED
Light Viewable Length	IR	15m(49ft), 25m(82ft) based on scene
IR Wavelength		850nm

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, 音声検出, サウンド分類, 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
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, SRTP(TCP, UDP Unicast)
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

OS / Firmware Protect	Encrypted firmware, Secure boot, Signed firmware
ユーザー認証	ダイジェスト認証
Network authentication	IEEE 802.1X(EAP-TLS, EAP-LEAP, EAP-PEAP, MSCHAPv2)
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
デバイスID	Device certificate(Hanwha Vision Root CA)
Secure Storage	TPM(Trusted platform module), HTPM(Hanwha Trusted Platform Module), SDcard partition encrypt(AES-256)
Security Certificate	TPM 2.0 with FIPS 140-2 level2

一般

メモリ	RAM	4GB
	フラッシュ	512MB
Edge Storage	Micro SD/SDHC/SDXC	Max. 512GB x 1slot
Edge Storage(OnCloud)	Micro SD/SDHC/SDXC	Max. 1TB x 1slot *Hanwha Vision branded microSD cards have been certified and recommended for OnCloud edge recording.

Environmental & Electrical

動作条件	温度	-40°C~+55°C(-40°F~+131°F)
	湿度	0~95% 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	0~95% RH(non-condensing)
Input Voltage		PoE+(IEEE802.3at, Class4)
消費電力	PoE	Max. 17W, typical 12.5W

Mechanical

カラー	白
材料	アルミニウム, Hard-coated dome
RAL Code	RAL9003

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Mechanical

Product Dimensions	215(W)x135(D)x93.2(H)mm(8.46x5.31x3.67")
Product Weight	1,330g(2.93lb)
Compatible Conduit Hole	12.7mm(1/2")(M20)
Compatible Gang Box	シングル, Double, 4" Octagon, 正方形

Certifications & Standards

EMC	FCC 47 CFR 15 Subpart B Class A, ICES-3(A)/NMB-3(A), CE/UKCA - EN55032 Class A, EN 50130-4, VCCI CISPR 32 Class A, RCM AS-NZS CISPR 32 Class A, KS C 9832 Class A, KS C 9835
Safety	UL 62368-1, CAN/CSA C22.2 NO. 62368-1, IEC 62471
環境	IEC/EN 63000, IEC 60529 IP66, IEC 60529 IP67, IEC 62262 IK10, NEMA 250 type 4X

DORI (EN62676-4 standard)

Detect (25PPM/ 8PPF)	Wide	28.4m(93.22ft)
	Tele	72.2m(236.94ft)
Observe (63PPM/ 19PPF)	Wide	11.4m(37.29ft)
	Tele	28.9m(94.78ft)
Recognize (125PPM/ 38PPF)	Wide	5.7m(18.64ft)
	Tele	14.4m(47.39ft)
Identify (250PPM/ 76PPF)	Wide	2.8m(9.32ft)
	Tele	7.2m(23.69ft)

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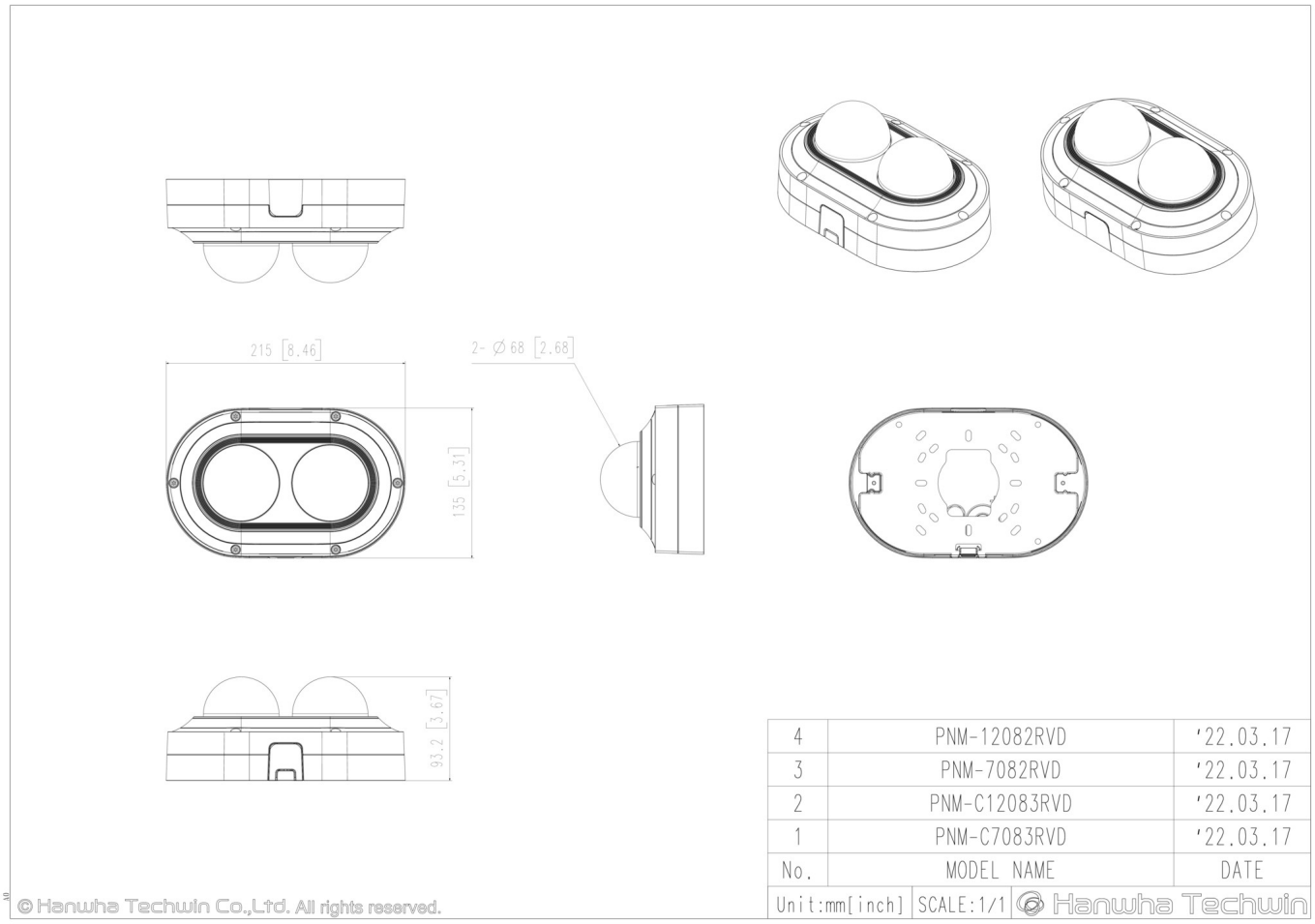
CAD

Unit: mm [inch]



No.	MODEL NAME	DATE
4	PNM-12082RVD	'22.03.17
3	PNM-7082RVD	'22.03.17
2	PNM-C12083RVD	'22.03.17
1	PNM-C7083RVD	'22.03.17

Unit:mm[inch] | SCALE:1/1 | Hanwha Techwin

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