Hanwha Vision

Network

PNM-9322VQP

2MP/5MP x 5CH Multi-directional Camera

Key Features

- Exchangeable 4ea x 2M / 5M lens modules
- 10M to 22M resolution (depend on the combination of lens modules)
- Max. 60fps@2M, Max. 30fps@5M (H.265 / H.264)
- WDR 150dB with 2M, 120dB with 5M lens module
- 2.4mm, 2.8mm, 3.6mm, 6mm, 12mm fixed lens (2M module)
- 3.7mm, 4.6mm, 7mm fixed lens (5M module)
- H.265, H.264, MJPEG codec,WiseStream II
- IP66, IK10, SD / SDHC / SDXC memory 5 slots
- 4.44~142.6mm(Optical 32x) lens, Day & Night (ICR)
- New install base design

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PNM-9322VQP

2MP/5MP x 5CH Multi-directional Camera

Specifications

映像		4CH camera	4CH camera	4CH camera	4CH camera	PTZ
Imaging Device	サイズ					1/2.8"
	タイプ					CMOS
解像度		2560x1920, 2560x1440, 1920x1080, 1600x1200, 1280x1024, 1280x960, 1280x720, 1024x768, 800x600, 800x448, 720x576, 720x480, 640x480, 640x360, 320x240	2560x1920, 1920x1080, 1280x1024, 1280x960, 1280x720, 1024x768, 800x600, 800x448, 720x576, 720x480, 640x480, 640x360, 320x240	2560x2560, 1920x1080, 1280x1024, 1280x960, 1280x720, 1024x768, 800x600, 800x448, 720x576, 720x480, 640x480, 640x360, 320x240	2560x1920, 1920x1080, 1280x1024, 1280x960, 1280x720, 1024x768, 800x600, 800x448, 720x576, 720x480, 640x480, 640x360, 320x240	1920x1080, 1280x1024, 1280x960, 1280x720, 1024x768, 800x600, 800x448, 720x576, 720x480, 640x480, 640x360, 320x240
Max. Framerate	H.265/H.264	30fps/25fps(60Hz/50Hz)	30fps/25fps(60Hz/50Hz)	30fps/25fps(60Hz/50Hz)	30fps/25fps(60Hz/50Hz)	30fps/50fps(60Hz/50Hz)
	MJPEG	30fps	30fps	30fps	30fps	30fps

レンズ						
Focal Length (mm)						4.44~142.6
Zoom Ratio	Optical					32x
Max Aperture Ratio (F number)	Wide					1.6
	Tele					4.4
視野角度	Horizontal					61.8°~2.19°
	Vertical					36.2°~1.24°
Min. Object Distance						Wide:1.5m, Tele:2m
Focus Control						Oneshot AF

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レンズ

Optional Lens		SLA-2M2400P(2MP 2.4mm) SLA-2M2800P(2MP 2.8mm) SLA-2M3600P(2MP 3.6mm) SLA-2M6000P(2MP 6.0mm) SLA-2M1200P(2MP 12mm) SLA-5M3700P(5MP 3.7mm) SLA-5M4600P(5MP 4.6mm) SLA-5M7000P(5MP 7.0mm)	SLA-2M2400P(2MP 2.4mm) SLA-2M2800P(2MP 2.8mm) SLA-2M3600P(2MP 3.6mm) SLA-2M6000P(2MP 6.0mm) SLA-2M1200P(2MP 12mm) SLA-5M3700P(5MP 3.7mm) SLA-5M4600P(5MP 4.6mm) SLA-5M7000P(5MP 7.0mm)	SLA-2M2400P(2MP 2.4mm) SLA-2M2800P(2MP 2.8mm) SLA-2M3600P(2MP 3.6mm) SLA-2M6000P(2MP 6.0mm) SLA-2M1200P(2MP 12mm) SLA-5M3700P(5MP 3.7mm) SLA-5M4600P(5MP 4.6mm) SLA-5M7000P(5MP 7.0mm)	SLA-2M2400P(2MP 2.4mm) SLA-2M2800P(2MP 2.8mm) SLA-2M3600P(2MP 3.6mm) SLA-2M6000P(2MP 6.0mm) SLA-2M1200P(2MP 12mm) SLA-5M3700P(5MP 3.7mm) SLA-5M4600P(5MP 4.6mm) SLA-5M7000P(5MP 7.0mm)	

Pan / Tilt / Rotate

Pan / Tilt / Rotate Range	Pan					360° Endless
	Tilt					190° (-5°~185°)
Pan Speed	プリセット					Max. 700°/sec
	手動					0.024°/sec~200°/sec
Tilt Speed	プリセット					Max. 700°/sec
	手動					0.024°/sec~200°/sec
シーケンス						Preset(300ea), スイング, Group(6ea), 追跡, ツアー, オートラン, スケジュール
Preset Accuracy						±0.2°

技能

Day & Night		Auto(Electrical)	Auto(Electrical)	Auto(Electrical)	Auto(Electrical)	Auto(ICR)
Backlight Compensation		BLC, HLC , WDR, SSDR				
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	6ea	32ea	32ea	32ea
	Shape	4point Quadrangle zones	Rectangular zones	4point Quadrangle zones	4point Quadrangle zones	Rectangular zones
	Color / Option	灰色, 緑, Red, 青, 黒, 白	灰色, 黒, 白	灰色, 緑, Red, 青, 黒, 白	灰色, 緑, Red, 青, 黒, 白	灰色, 緑, Red, 青, 黒, 白, モザイク
Electronic Shutter	モード	最小, 最大, アンチフリッカー				
	Speed Range	2~1/12,000sec				

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技能

ビデオ回転		FLIPモード, ミラー, Hallway view(90°/270°) - Each channel separately	FLIPモード, ミラー, Hallway view(90°/270°) - Each channel separately	FLIPモード, ミラー, Hallway view(90°/270°) - Each channel separately	FLIPモード, ミラー, Hallway view(90°/270°) - Each channel separately	Flip&Mirror
Alarm Interface	In/Out	Input 1ea, Output 1ea				
Alarm Triggers		分析, ネットワーク切断				
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				
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, フォグ検出, 顔検出, Virtual area(Lotering, Intrusion, Enter/Exit, Appear/Disappear), Virtual area(Appear/Disappear), Virtual line(Crossing, Direction)

ネットワーク

Ethernet		Metal shielded RJ-45(10/100BASE-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, MJPEG: VBR
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, PIM-SM
Application Programming Interface	ONVIF	s, T
	その他	SUNAPI(HTTP API)

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
Audit	Access / System / Event Log management

一般

Edge Storage	Micro SD/SDHC/SDXC	Max. 256GB x 4slot(Total 1TB)

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Environmental & Electrical

動作条件	温度	-40°C~+55°C(-40°F~+131°F)
	湿度	0~90% RH(non-condensing)
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	HPoE: Max 65W, Typical 34W

Mechanical

カラー	白
材料	アルミニウム
RAL Code	RAL9003
Product Dimensions	ø367.8x335.7mm(ø144.8"x132.2")
Product Weight	7.05kg(15.54lb

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Compatible lenses

the specifications for lenses

SLA-2M2800P

SLA-2M2400P

SLA-2M3600P

SLA-2M1200P

SLA-5M3700P

SLA-5M4600P

SLA-5M7000P

SLA-2M6000P

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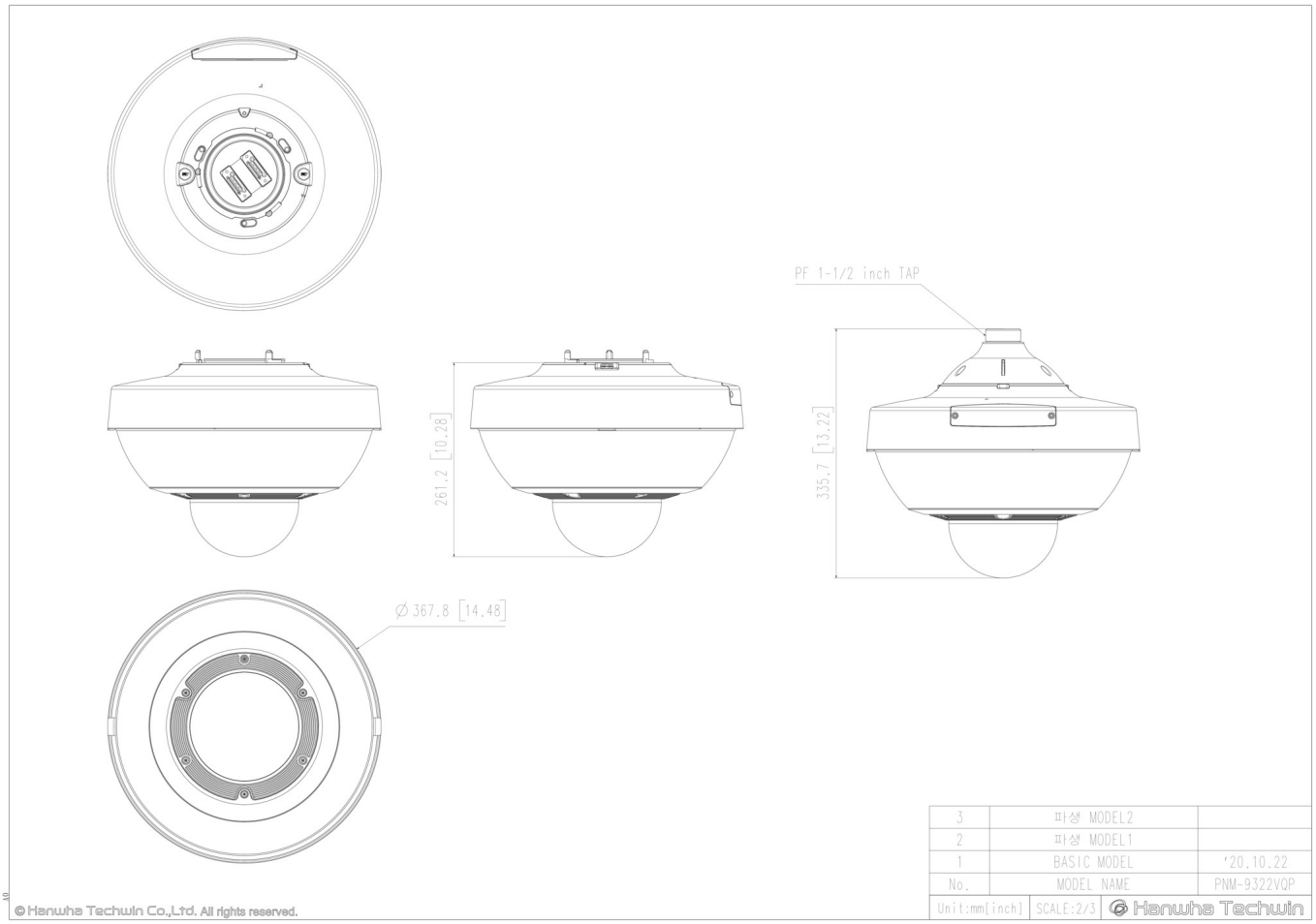
CAD

Unit: mm [inch]



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Compatible Devices

SBP-300PM

SBP-300KM

SBP-390WM2

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