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

Design and specifications are subject to change without notice. The latest product information / specification can be found at HanwhaVision.com
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Specifications

Video		1Channel	2Channel	3Channel	4Channel	PTZ
Imaging Device	Size					1/2.8"
	Type					CMOS
Resolution		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)				60fps/50fps(60Hz/50Hz)
	MJPEG	30fps				

Lens

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

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Pan / Tilt / Rotate

Pan / Tilt / Rotate Range	Pan					360° Endless
	Tilt					190° (-5°~185°)
Pan Speed	Preset					Max. 700°/sec
	Manual					0.024°/sec~200°/sec
Tilt Speed	Preset					Max. 700°/sec
	Manual					0.024°/sec~200°/sec
Sequence						Preset(300ea), Swing, Group(6ea), Trace, Tour, Auto Run, Schedule
Preset Accuracy						±0.2°

Operational

Day & Night		Auto(Electrical)			Auto(ICR)
Backlight Compensation		BLC, HLC, WDR, SSDR			
Wide Dynamic Range (dB)		120			
Digital Noise Reduction		SSNR V			
Digital Image Stabilization		Support			
Defog		Support			
Motion Detection	Quantity	8ea			
	Shape	8point Polygonal zones			
Privacy Masking	Quantity	32ea	6ea	32ea	
	Shape	4point Quadrangle zones	Rectangular zones	4point Quadrangle zones	Rectangular zones
	Color / Option	Gray, Green, Red, Blue, Black, White	Gray, Black, White	Gray, Green, Red, Blue, Black, White	Gray, Green, Red, Blue, Black, White, Mosaic
Electronic Shutter	Mode	Minimum, Maximum, Anti flicker			
	Speed Range	2~1/12,000sec			
Video Rotation		Flip, Mirror, Hallway view(90°/270°) - Each channel separately			Flip&Mirror
Alarm Interface	In/Out	Input 1ea, Output 1ea			
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,Alarm output			
Audio In		Selectable(mic in/line in)			
Audio Out		Line out			

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Analytics

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

Network

Ethernet		Metal shielded RJ-45(10/100BASE-T)
Video Compression		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		Manual, WiseStream II
Bitrate Control		H.265/H.264: CBR or VBR, MJPEG: VBR, MJPEG: VBR
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, UPnP, Bonjour, LLDP, PIM-SM
Application Programming Interface	ONVIF	S, T
	Others	SUNAPI(HTTP API)

Security

User authentication	Digest authentication
Network authentication	IEEE 802.1X(EAP-TLS, EAP-LEAP)
Secure Communication	HTTPS
Access Control	IP-based access control
Audit	Access / System / Event Log management

General

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

Environmental & Electrical

Operating Condition	Temperature	-40°C~+55°C(-40°F~+131°F)
	Humidity	0~90% RH(non-condensing)
Storage Condition	Temperature	-50°C~+60°C(-58°F~+140°F)
	Humidity	0~90% RH(non-condensing)
Input Voltage		PoE++(IEEE802.3bt type4, Class8)
Power Consumption	PoE	HPoE: Max 65W, Typical 34W

Mechanical

Color	White

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Mechanical

Material	Aluminum
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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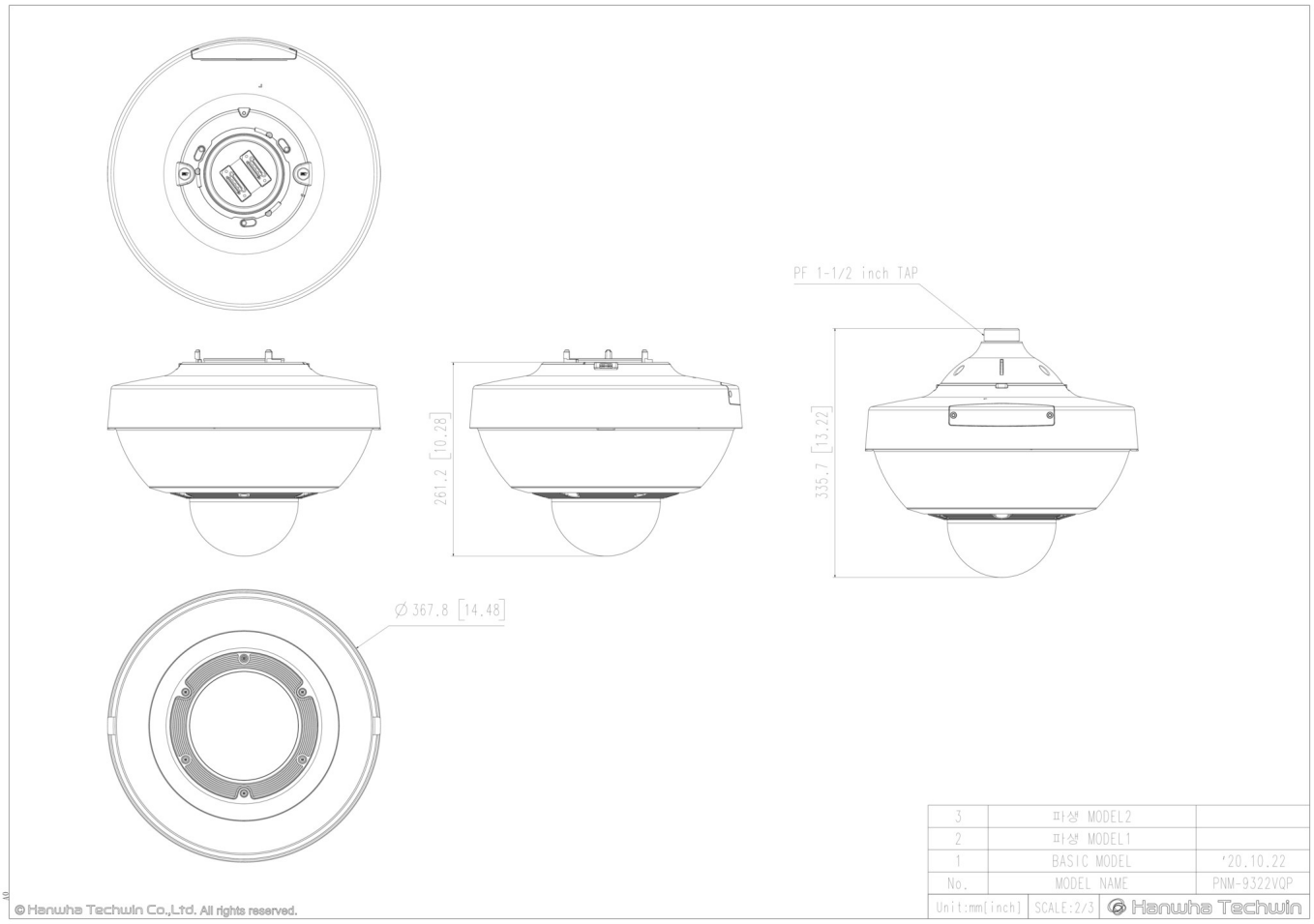
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CAD

Unit: mm [inch]



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Compatible Devices



SBP-300PM



SBP-300KM



SBP-390WM2

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