

PNM-7002VD

2MP x 2CH Multi-directional Camera



Key Features

- 2ea x 1920 x 1080 resolution
- Max. 60fps@2M (H.265 / H.264)
- H.265, H.264, MJPEG codec supported
- Day & Night, WDR (150dB)
- Loitering, Directional detection, Fog detection
- Motion detection, Tampering, WiseStreamII Support
- SD/SDHC/SDXC memory 2 slots (each camera)

Accessories (Optional)



SLA-2M2402D



SLA-2M2802D



SLA-2M3602D



SLA-2M6002D

Video

Resolution	1920x1080, 1280x1024, 1280x960, 1280x720, 1024x768, 800x600, 800x448, 720x576, 720x480, 640x480, 640x360, 320x240
Max. Framerate	H.265/H.264: 2MP Max. 60fps/50fps(60Hz/50Hz) MJPEG: Max. 30fps/25fps(60Hz/50Hz)
Video Out	CVBS : 1.0 Vp-p / 75Ω composite, 720x480(N), 720x576(P), for installation

Lens

Optional Lens	SLA-2M2402D(2MP 2.4mm) SLA-2M2802D(2MP 2.8mm) SLA-2M3602D(2MP 3.6mm) SLA-2M6002D(2MP 6.0mm)
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Operational

Camera Title	Displayed up to 85 characters
Day & Night	Auto(Electrical)
Backlight Compensation	BLC, HLC, WDR, SSSDR
Wide Dynamic Range	150dB
Digital Noise Reduction	SSNRV
Digital Image Stabilization	Support
Defog	Support
Motion Detection	8ea, 8point polygonal zones
Privacy Masking	32ea, polygonal zones - Color: Grey/Green/Red/Blue/Black/White - Mosaic
Gain Control	Low / Middle / High
White Balance	ATW / AWC / Manual / Indoor / Outdoor
LDC	Support
Electronic Shutter Speed	Minimum / Maximum / Anti flicker (2~1/12,000sec)
Video Rotation	Flip, Mirror, Hallway view(90 ° /270 °)
Analytics	Defocus detection, Directional detection, Face detection, Fog detection, Motion detection, Appear/Disappear, Enter/Exit, Loitering, Tampering, Virtual line
Alarm Triggers	Analytics, Network disconnect
Alarm Events	File upload via FTP and e-mail Notification via e-mail SD/SDHC/SDXC recording at event triggers

Network

Ethernet	RJ-45(10/100/1000BASE-T)
Video Compression	H.265/H.264: Main/Baseline/High, MJPEG
Smart Codec	Manual(5ea area), WiseStream II

Bitrate Control	H.264/H.265: CBR or VBR MJPEG: VBR
Streaming	Unicast(20 users) / Multicast 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, IGMP, SNMPv1/v2c/v3(MIB-2), ARP, DNS, DDNS, QoS, PIM-SM, UPnP, Bonjour, LLDP
Security	HTTPS(SSL) Login Authentication Digest Login Authentication IP Address Filtering User access log 802.1X Authentication(EAP-TLS, EAP-LEAP)
Application Programming Interface	ONVIF Profile S/T SUNAPI(HTTP API)

General

Webpage Language	English, Korean, Chinese, French, Italian, Spanish, German, Japanese, Russian, Swedish, Portuguese, Czech, Polish, Turkish, Dutch, Hungarian, Greek
Edge Storage	Micro SD/SDHC/SDXC 4slot 256GB(Each CH)
Memory	3GB RAM, 768MB Flash

Mechanical

Color / Material	White / Aluminum
RAL Code	RAL9003
Product Dimensions / Weight	Ø197.6x84mm(7.78x3.31"), 1250g(2.76lb)

- The latest product information / specification can be found at hanwha-security.com
- Design and specifications are subject to change without notice.
- Wisenet is the proprietary brand of Hanwha Techwin, formerly known as Samsung Techwin.

Selectable lenses

Video	SLA-2M6002D	SLA-2M3602D	SLA-2M2802D	SLA-2M2402D
Imaging Device	1/2.8" CMOS	1/2.8" CMOS	1/2.8" CMOS	1/2.8" CMOS
Min. Illumination	Color: 0.055Lux(F2.0, 1/30sec)	Color: 0.055Lux(F2.0, 1/30sec)	Color: 0.055Lux(F2.0, 1/30sec)	Color: 0.055Lux(F2.0, 1/30sec)

Lens

Focal Length (Zoom Ratio)	6.0mm fixed focal	3.6mm fixed focal	2.8mm fixed focal	2.4mm fixed focal
Max. Aperture Ratio	F2.0	F2.0	F2.0	F2.0
Angular Field of View	H: 50.4 ° , V: 28.8 ° , D: 58.1 °	H: 94.8 ° , V: 49.3 ° , D: 114.3 °	H:107.4 ° , V:62.2 ° , D:122.0 °	H:135.4 ° , V:71.2 ° , D:161.6 °
Focus Control	Fixed	Fixed	Fixed	Fixed

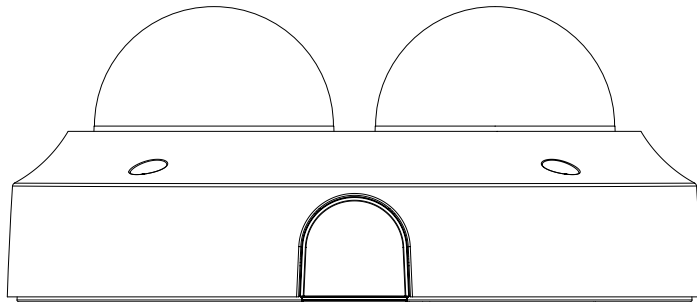
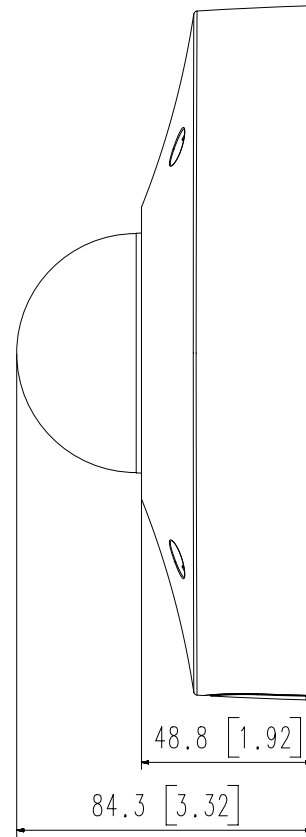
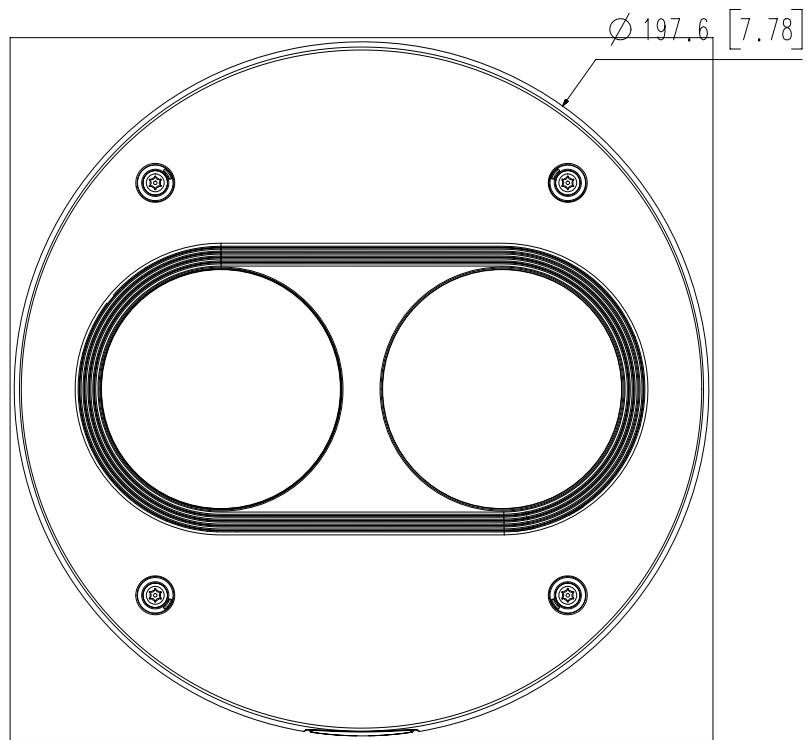
Pan / Tilt / Rotate

Pan / Tilt / Rotate Range	-176 ° ~+176 ° / 0 ° ~30 ° / -90 ° ~+90 °	-176 ° ~+176 ° / 0 ° ~30 ° / -90 ° ~+90 °	-176 ° ~+176 ° / 0 ° ~30 ° / -90 ° ~+90 °	-176 ° ~+176 ° / 0 ° ~30 ° / -90 ° ~+90 °
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Mechanical

Color / Material	Black / Plastic	Black / Plastic	Black / Plastic	Black / Plastic
Product dimensions / weight	Ø35.5x35.9mm, 30g	Ø35.5x35.9mm, 30g	Ø35.5x35.9mm, 30g	Ø35.5x35.9mm, 30g

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2	PNM-7002VD	'20.09.16
1	PNM-9000VD	'19.06.04
No.	MODEL NAME	DATE
Unit:mm[inch] SCALE:1/1		Hanwha Techwin