

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)

Compatible lenses



SLA-2M2402D



SLA-2M2802D



SLA-2M3602D



SLA-2M6002D

Compatible Accessories (Optional)



SBP-201HMW



SBP-300WMW



SBP-300WMW1



SBP-300CMW

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)
Operational	
Camera Title	Displayed up to 85 characters
Day & Night	Auto(Electrical)
Backlight Compensation	BLC, HLC, WDR, SDR
Wide Dynamic Range	150dB
Digital Noise Reduction	SSNR V
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

Environmental & Electrical

Operating Temperature / Humidity	-40°C ~ +55°C(-40°F ~ +131°F) / Less than 90% RH
Storage Temperature / Humidity	-50°C ~ +60°C(-58°F ~ +140°F) / Less than 90% RH
Certification	IP66, IK10
Input Voltage	PoE(IEEE802.3af, Class3)
Power Consumption	Typical: 12.00W, Max: 12.95W

Mechanical

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

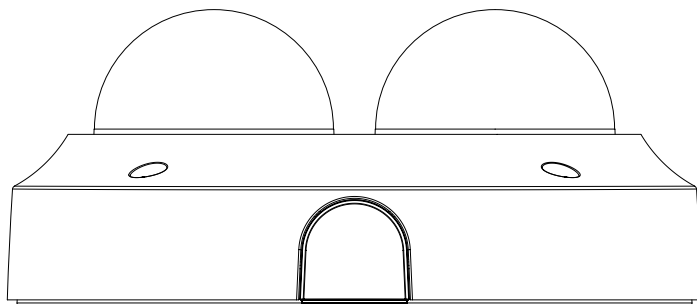
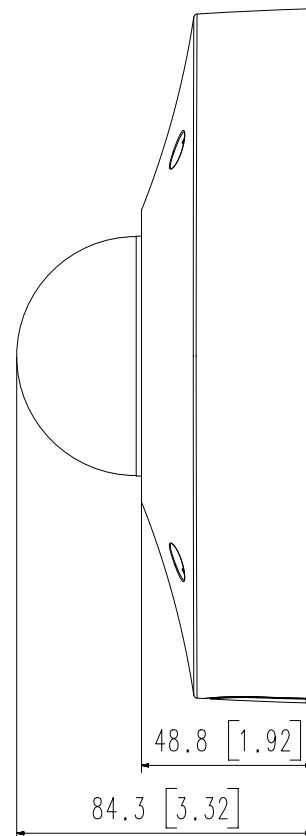
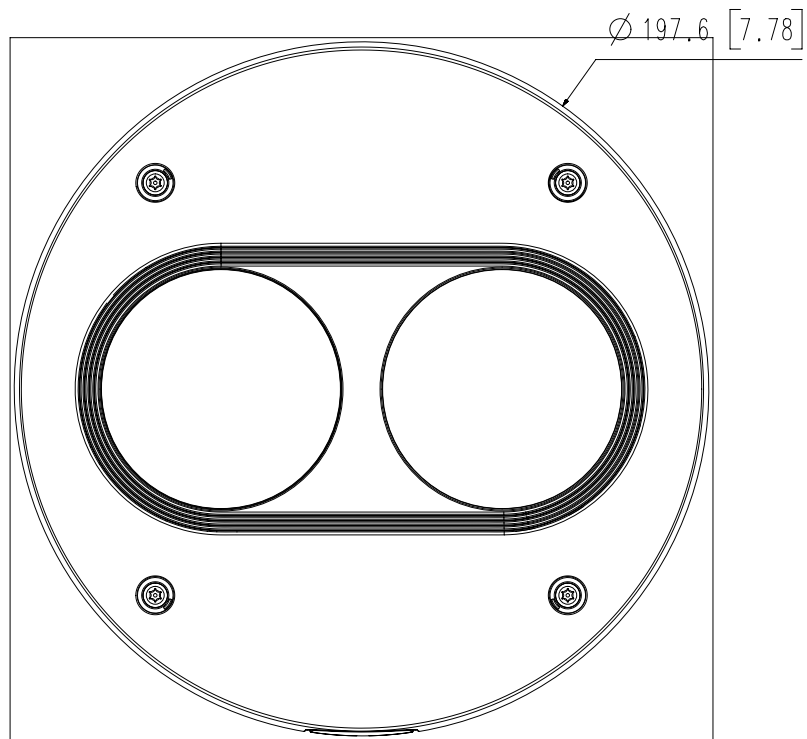
- The latest product information / specification can be found at hanwhasecurity.com
- Design and specifications are subject to change without notice.
- Wisenet is the proprietary brand of Hanwha Techwin, formerly known as Samsung Techwin.

Compatible 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°~74° / -90°~+90°	-176°~+176° / 0°~64° / -90°~+90°	-176°~+176° / 0°~51° / -90°~+90°	-176°~+176° / 0°~30° / -90°~+90°
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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3	-	
2	PNM-7002VD	'20.09.16
1	PNM-9000VD	'19.06.04
No.	MODEL NAME	DATE
Unit:mm[inch]		SCALE:1/1