



Network Multi-sensor

PNM-9000VD

5MP x 2CH Multi-directional Camera



Key Features

- Exchangeable 2 x 5MP lens modules (2 x 5MP resolution)
- Max. 30fps@all resolution (H.265 / H.264)
- WDR 120dB
- 3.7mm, 4.6mm, 7mm fixed lens (5MP module)
- H.265, H.264, MJPEG codec, Multi streaming support
- Video analytics, WiseStream II
- Micro SD / SDHC / SDXC memory 2 slots
- IP66, IK10, PoE

Compatible Devices



SBP-300LMW



SBP-300WMW1



SBP-201HMW



SBP-300KMW



SBP-300BW



SBP-300PMW



SBP-300WMW



SBP-300NBW



SBP-300CMW

PNM-9000VD

5MP x 2CH Multi-directional Camera



Specifications

Video

Resolution	2560x1920, 2560x1440, 1920x1080, 1600x1200, 1280x1024, 1280x960, 1280x720, 1024x768, 800x600, 800x448, 720x576, 720x480, 640x480, 320x240
Max. Framerate	H.265/H.264: Max. 30fps/25fps(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-5M3700D(5MP 3.7mm) SLA-5M4600D(5MP 4.6mm) SLA-5M7000D(5MP 7.0mm)
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Operational

Camera Title	Displayed up to 85 characters
Day & Night	Auto(Electrical)
Backlight Compensation	BLC, HLC, WDR, SSDR
Wide Dynamic Range	120dB
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, Fog detection, Face 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 or NAS recording at event triggers Handover

Network

Ethernet	RJ-45(10/100BASE-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

Design and specifications are subject to change without notice. The latest product information / specification can be found at HanwhaVision.com.
Hanwha Vision is formerly known as Hanwha Techwin.

Streaming	Unicast(20 users) / Multicast Multiple streaming(Upto 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
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 SUNAPI(HTTP API)
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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 2slot 256GB(Each CH)
Memory	1024MB RAM, 256MB Flash
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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	PoE: 12.95W, typical 12.00W
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Mechanical	
Color / Material	White / Aluminum
RAL Code	RAL9003
Product Dimensions / Weight	Ø197.6x84mm(7.78x3.31"), 1250g(2.76 lb)
Compatible Conduit hole / Gangbox	1/2"
Hanging Mount (Dome)	SBP-201HMW

Compatible lenses



Video	SLA-5M7000D	SLA-5M4600D	SLA-5M3700D
Imaging Device	1/1.8" 5MP CMOS	1/1.8" 5MP CMOS	1/1.8" 5MP CMOS
Resolution			
Effective Pixels	2616(H)x1976(V)	2616(H)x1976(V)	2616(H)x1976(V)
Min. Illumination	Color : 0.16Lux(F1.6, 1/30sec, 30IRE)\nB/W : 0.16Lux(F1.6, 1/30sec, 30IRE)	Color : 0.16Lux(F1.6, 1/30sec, 30IRE)\nB/W : 0.16Lux(F1.6, 1/30sec, 30IRE)	Color : 0.16Lux(F1.6, 1/30sec, 30IRE)\nB/W : 0.16Lux(F1.6, 1/30sec, 30IRE)
Max. Framerate			
NETD			
Pixel Size			
Video Out			
Video Transmission Distance			
Lens	SLA-5M7000D	SLA-5M4600D	SLA-5M3700D
Focal Length (Zoom Ratio)	7.0mm fixed focal	4.6mm fixed focal	3.7mm fixed focal
Max. Aperture Ratio	F1.6	F1.6	F1.6
Angular Field of View	H: 50.7°, V: 37.8°, D: 63.8°	H: 77.9°, V: 57.9°, D: 98.7°	H: 97.5°, V: 71.9°, D: 126.2°
Lens Type	Fixed focal	Fixed focal	Fixed focal
Mount Type			
Focus Control			
Min. Object Distance			
Optional Lens			
Pan / Tilt / Rotate	SLA-5M7000D	SLA-5M4600D	SLA-5M3700D
Pan / Tilt / Rotate Range	-90°~+90° / +36°~+73° / -180°~+180°	-90°~+90° / +36°~+73° / -180°~+180°	-90°~+90° / +36°~+73° / -180°~+180°
Pan Range			
Pan Speed			
Tilt Range			
Tilt Speed			
Rotate Range			
Sequence			
Preset Accuracy			
Operational	SLA-5M7000D	SLA-5M4600D	SLA-5M3700D
Camera Title			
Direction Indicator			
Day & Night	Auto(Electrical)	Auto(Electrical)	Auto(Electrical)
Backlight Compensation			
Wide Dynamic Range	120dB	120dB	120dB
Digital Noise Reduction			
Digital Image Stabilization			
Defog			
Motion Detection			
Privacy Masking			
Gain Control			
White Balance			
LDC			
Electronic Shutter Speed			
Digital PTZ			
Video Rotation			
Analytics			
Business Intelligence			
Serial Interface			
Alarm I/O			
Alarm Triggers			
Alarm Events			
Audio Streaming			
Audio In			
Audio Out			
IR Viewable Length			
IR Illuminator (Optional)			

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IR Radiation angle

IR LED

IR Wavelength

IR Operation

Water Removal

Auto Tracking

Coaxial Protocol

Color Palettes

Mechanical

SLA-5M7000D

SLA-5M4600D

SLA-5M3700D

Color / Material

Product dimensions / weight

Ø35.5x35.9mm(1.40x1.41") / 35g(0.08 lb)

Ø35.5x35.9mm(1.40x1.41") / 35g(0.08 lb)

Ø35.5x35.9mm(1.40x1.41") / 35g(0.08 lb)

RAL Code

Product Dimensions / Weight

Compatible Conduit hole / Gangbox

Hanging Mount (Dome)

Skin Cover

Skin Cover (Dome)

Weather Cap (Dome)

Power Module

Backbox

Radiometry

SLA-5M7000D

SLA-5M4600D

SLA-5M3700D

Temperature Detect Range

Temperature Accuracy

Temperature Detection

Additional

Network

SLA-5M7000D

SLA-5M4600D

SLA-5M3700D

Ethernet

Video Compression

Audio Compression

Smart Codec

Video Quality Adjustment

Bitrate Control

Streaming

Protocol

SIP support (VoIP, Peer-to-peer,
SIP/PBX integration)

Security

Application Programming Interface

General

SLA-5M7000D

SLA-5M4600D

SLA-5M3700D

Webpage Language

Web Viewer

Edge Storage

Memory

Environmental & Electrical

SLA-5M7000D

SLA-5M4600D

SLA-5M3700D

Operating Temperature / Humidity

Storage Temperature / Humidity

Certification

Input Voltage

Power Consumption

Certifications & Standards

SLA-5M7000D

SLA-5M4600D

SLA-5M3700D

Network

EMC

Safety

Environment

Video

DORI (EN62676-4 standard)

SLA-5M7000D

SLA-5M4600D

SLA-5M3700D

Detect (25PPM/ 8PPF)

Observe (63PPM/ 19PPF)

Recognize (125PPM/ 38PPF)

Identify (250PPM/ 76PPF)

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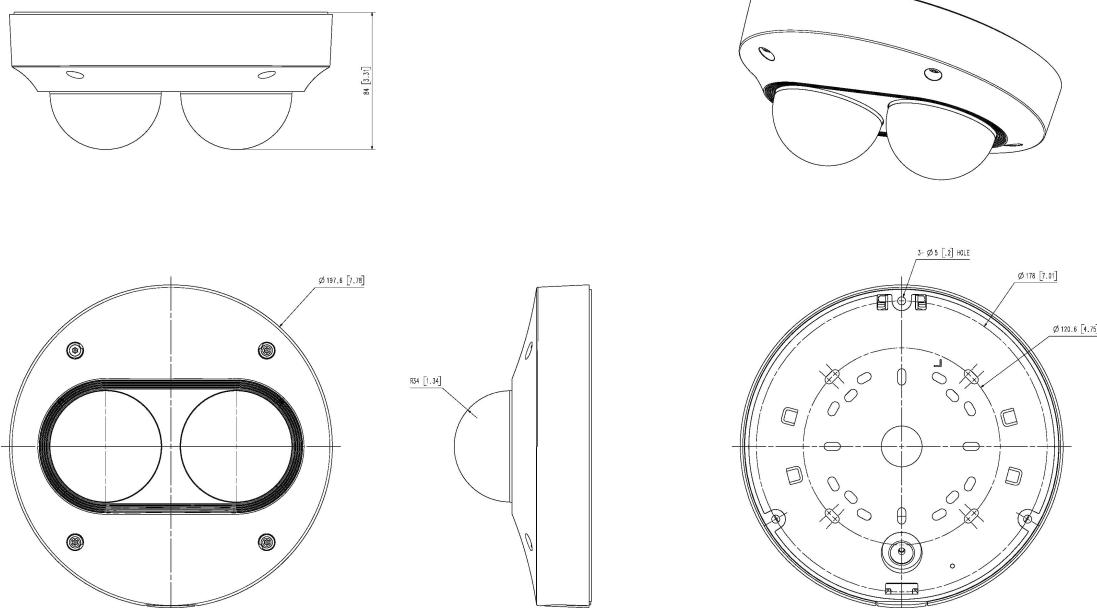
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CAD

Unit:mm [inch]



UNIT : mm [inch]

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