



Network

Multi-sensor

PNM-7000VD

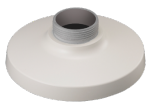
2MP x 2CH Multi-directional Camera



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 Accessories (Optional)



SBP-300HM6



SBP-160TM



SBV-158G



SBP-390WM2



SBP-300WM1



SBP-300WM



SBP-300PM



SBP-300B



SBP-300KM



SBP-300NB



SBP-300LM



SBP-300CM

PNM-7000VD

2MP x 2CH Multi-directional Camera



Specifications

Video

Resolution	1920x1080, 1280x1024, 1280x960, 1280x720, 1024x768, 800x600, 800x448, 720x576, 720x480, 640x480, 640x360, 320x240
Max. Framerate	H.265/H.264: 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-2M2400D(2MP 2.4mm) SLA-2M2800D(2MP 2.8mm) SLA-2M3600D(2MP 3.6mm) SLA-2M6000D(2MP 6.0mm)
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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(10/100BASE-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
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

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)

General

Web Viewer	Supported OS: Windows 7, 8.1, 10, Mac OS X 10.10, 10.11, 10.12 Recommended Browser: Google Chrome Supported Browser: MS Explore11, MS Edge, Mozilla Firefox(Window 64bit only), Apple Safari(Mac OS X only)
Edge Storage	Micro SD/SDHC/SDXC 2slot 256GB(Each CH)
Memory	2GB RAM, 512MB 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	Max 12.95W

Mechanical

Color / Material	Ivory / Aluminum
Product Dimensions / Weight	Ø160mmx73mm, 840g

Compatible lenses



Video	SLA-2M6000D	SLA-2M3600D	SLA-2M2400D	SLA-2M2800D
Imaging Device	1/2.8" 2MP CMOS	1/2.8" 2MP CMOS	1/2.8" 2MP CMOS	1/2.8" 2MP CMOS
Effective Pixels	1945(H)x1109(V)	1945(H)x1109(V)	1945(H)x1109(V)	1945(H)x1109(V)
Min. Illumination	Color: 0.055Lux(F2.0, 1/30sec) B/W: 0.055Lux(F2.0, 1/30sec)	Color: 0.055Lux(F2.0, 1/30sec) B/W: 0.055Lux(F2.0, 1/30sec)	Color: 0.055Lux(F2.0, 1/30sec) B/W: 0.055Lux(F2.0, 1/30sec)	Color: 0.055Lux(F2.0, 1/30sec) B/W: 0.055Lux(F2.0, 1/30sec)
Lens	SLA-2M6000D	SLA-2M3600D	SLA-2M2400D	SLA-2M2800D
Focal Length (Zoom Ratio)	6.0mm fixed focal	3.6mm fixed focal	2.4mm fixed focal	2.8mm 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:135.4°, V:71.2°, D:161.6°	H:107.4°, V:62.2°, D:122.0°
Focus Control	Fixed	Fixed	Fixed	Fixed
Pan / Tilt / Rotate	SLA-2M6000D	SLA-2M3600D	SLA-2M2400D	SLA-2M2800D
Pan / Tilt / Rotate Range	-176°~+176° / 0°~65° / -90°~+90°	-176°~+176° / 0°~54° / -90°~+90°	-176°~+176° / 0°~30° / -90°~+90°	-176°~+176° / 0°~50° / -90°~+90°
Mechanical	SLA-2M6000D	SLA-2M3600D	SLA-2M2400D	SLA-2M2800D
Color / Material	Black / Plastic	Black / Plastic	Black / Plastic	Black / Plastic
Product dimensions / weight	Ø35.5x27.9mm, 27g	Ø35.5x27.9mm, 27g	Ø35.5x27.9mm, 30g	Ø35.5x27.9mm, 27g

2MP x 2CH Multi-directional Camera



Unit: mm [inch]

