

# PNM-9030V

15MP H.265 Панорамная камера 180



## Key Features

- Макс. 15 Мп, панорамное сшивание изображения 180°/220°
- Панорамное сшивание, каналы оригинального и обрезанного вида
- H.265/H.264 : до 30 кад/с при любом разрешении
- MJPEG : до 15 кад/с при разрешении 2 Мп
- Поддержка кодеков H.265, H.264, MJPEG, технологии WiseStream II
- Обнаружение внешнего воздействия, праздного шатания, направления движения, пересечения виртуальной границы, входа/выхода
- Обнаружение появления/исчезновения объектов, аудио, движения, передача данных на PTZ камеру, распознавание звуков по типам, тепловая карта
- 2 слота для карт памяти microSD/SDHC/SDXC, технология PoE+, IP66, IK10

## Compatible Accessories (Optional)



SBP-276HM



SBP-300WM



SBP-300CM



SBP-300LM



SBP-390WM2



SBP-300WM1



SBP-300B



SBP-300KM

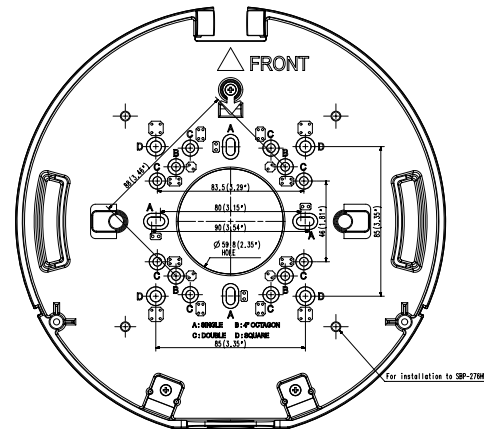
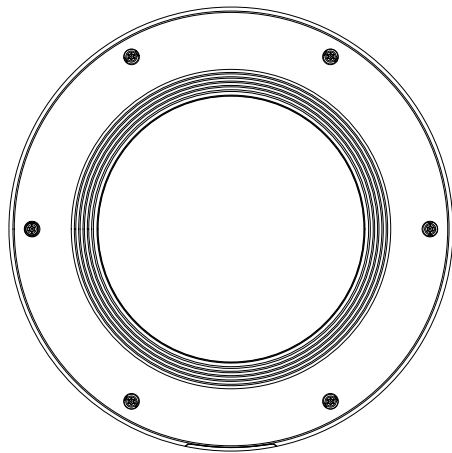
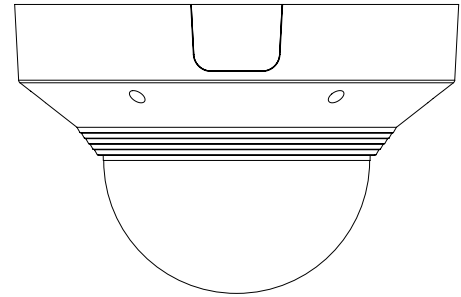
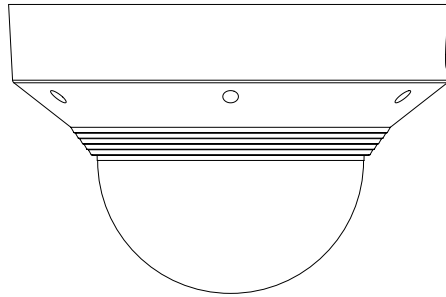
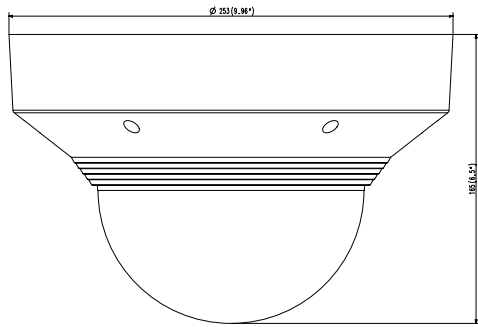
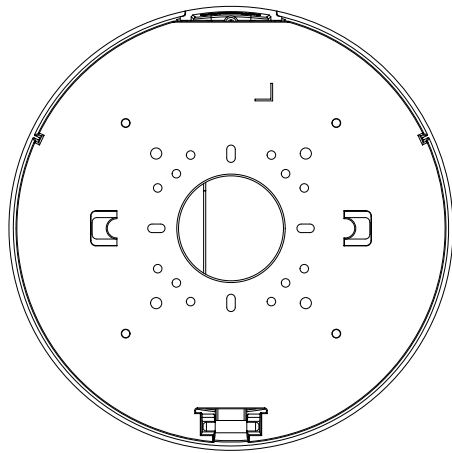


SBP-300PM

Video	
Imaging Device	1/2.8" 5MP CMOSx4
Resolution	[180° mode] 6096x2540, 5760x2400, 5472x2280, 5184x2160, 4800x2000, 4560x1900, 4096x1704, 3840x1600, 2688x1120, 2560x1064, 2048x852, 1920x800, 1280x532, 640x264 [220° mode] 7744x1936, 6096x1524, 5760x1440, 5472x1368, 5184x1296, 4800x1200, 4560x1140, 4096x1024, 3840x960, 2688x672x 2560x640, 2048x512, 1920x480, 1280x320, 640x160
Max. Framerate	H.265/H.264: Max. 30fps/25fps(60Hz/50Hz) MJPEG: Max. 15fps(60Hz/50Hz)
Min. Illumination	Color: 0.15Lux(F2.0, 1/30sec) B/W: 0.01Lux (F2.0, 1/30sec)
Video Out	USB : Micro USB Type B, 1280x720 for installation
Lens	
Focal Length (Zoom Ratio)	4mm Fixed
Max. Aperture Ratio	F2.0
Angular Field of View	[180° mode] H: 180°, V: 70° [220° mode] H: 220°, V: 52°
Min. Object Distance	3m(9.84ft)
Focus Control	Fixed
Pan / Tilt / Rotate	
Pan / Tilt / Rotate Range	0°~355° / 0°~60° / -
Operational	
Camera Title	Displayed up to 75 characters
Day & Night	Auto(ICR)
Backlight Compensation	BLC, HLC, WDR, SDR
Wide Dynamic Range	120dB
Digital Noise Reduction	SSNR V
Defog	Support
Motion Detection	8ea, 8point polygonal zones
Privacy Masking	16ea, rectangle 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	Directional detection, Motion detection,, Appear/Disappear, Enter/Exit, Loitering, Tampering, Virtual line, Audio detection, Sound classification
Business Intelligence	Heatmap
Alarm I/O	Input 1ea / Output 1ea

<b>Alarm Triggers</b>	Analytics, Network disconnect, Alarm input
<b>Alarm Events</b>	File upload via FTP and e-mail Notification via e-mail SD/SDHC/SDXC recording at event triggers Alarm output
<b>Network</b>	
<b>Ethernet</b>	RJ-45(10/100/1000BASE-T)
<b>Video Compression</b>	H.265/H.264: Main/Baseline/High, MJPEG
<b>Smart Codec</b>	Manual(5ea area), WiseStream II
<b>Bitrate Control</b>	H.264/H.265: CBR or VBR MJPEG: VBR
<b>Streaming</b>	Unicast(15 users) / Multicast Multiple streaming(Up to 5 or 3 profiles)
<b>Protocol</b>	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
<b>Security</b>	HTTPS(SSL) Login Authentication Digest Login Authentication IP Address Filtering User access log 802.1X Authentication(EAP-TLS, EAP-LEAP)
<b>Application Programming Interface</b>	ONVIF Profile S/G SUNAPI(HTTP API)
<b>General</b>	
<b>Web Viewer</b>	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)
<b>Edge Storage</b>	Micro SD/SDHC/SDXC 1slot 256GB
<b>Memory</b>	8GB RAM, 4GB Flash
<b>Environmental &amp; Electrical</b>	
<b>Operating Temperature / Humidity</b>	-40°C ~ +55°C(-40°F ~ +131°F) / Less than 90% RH
<b>Storage Temperature / Humidity</b>	-40°C ~ +60°C(-58°F ~ +140°F) / Less than 90% RH
<b>Certification</b>	IP66, IK10
<b>Input Voltage</b>	PoE+(IEEE802.3at, Class4), 12VDC
<b>Power Consumption</b>	PoE+: Max 25.5W 12VDC: Max 21.0W
<b>Mechanical</b>	
<b>Color / Material</b>	Ivory / Aluminum
<b>Product Dimensions / Weight</b>	Ø253x165mm(9.96"x6.5"), 3200g

- The latest product information / specification can be found at [hanwha-security.com](http://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.



PNM-9030V APPEARANCE DRAWING  
UNIT : mm (inch)