PNM-9085RQZ

5MP x 4CH IR PTRZ Multi-directional Camera



Key Features

- Motorized PTRZ support
- Max. 30fps@5MP(H.265, H.264)
- 4.13~9.4mm(2.3x) motorized varifocal lens
- IR viewable length : 30m
- H.265, H.264, MJPEG codec, Multi streaming
- Video analytics, WiseStream II
- IP66, IK10, NEMA4X

Compatible Accessories (Optional)


SBP-390WMW2


SBP-317HMW


SBP-302CMB


SBP-300CMW


SBP-300PMW


SBP-300KMW


SBP-300LMW


SBP-300NBW

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Video	
Imaging Device	1/1.8" 5MP CMOS x 4CH
Resolution	2560x1920, 2560x1440, 1920x1080, 1600x1200, 1280x1024, 1280x960, 1280x720, 1024x768, 800x600, 800x448, 720x576, 720x480, 640x480, 640x360, 320x240
Max. Framerate	Max. 30fps/25fps (60Hz/50Hz) at all resolutions Max. 30fps/25fps (60Hz/50Hz)
Min. Illumination	Color: 0.11lux(F1.6,30 IRE) BW: 0Lux(IR LED on)
Lens	
Focal Length (Zoom Ratio)	4.13~9.4mm(2.3x)motorized varifocal
Max. Aperture Ratio	F1.92(Wide)~F2.67(Tele)
Angular Field of View	H: 87.58˚(Wide)~37.34˚(Tele) / V: 64.58˚(Wide)~28.04˚(Tele) / D: 112.46˚(Wide)~46.85˚(Tele)
Min. Object Distance	1.2m(3.94ft)
Focus Control	Simple focus
Lens Type	DC auto iris
Pan / Tilt / Rotate	
Pan / Tilt / Rotate Range	Remote adjustment (Max. 200cycles) 0~360 ˚ / 35~80 ˚ / 0~90 ˚
Operational	
Camera Title	Displayed up to 85 characters
Day & Night	Auto(ICR)
Backlight Compensation	BLC, HLC, WDR, SSDR
Wide Dynamic Range	120dB
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
Analytics	Defocus detection, Directional detection, Fog detection, Face detection, Motion detection, Appear/Disappear, Enter/Exit, Loitering, Tampering, Virtual line, Audio detection
Alarm I/O	Input 1ea / Output 1ea
Alarm Triggers	Analytics, Network disconnect, Alarm input

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WISENET

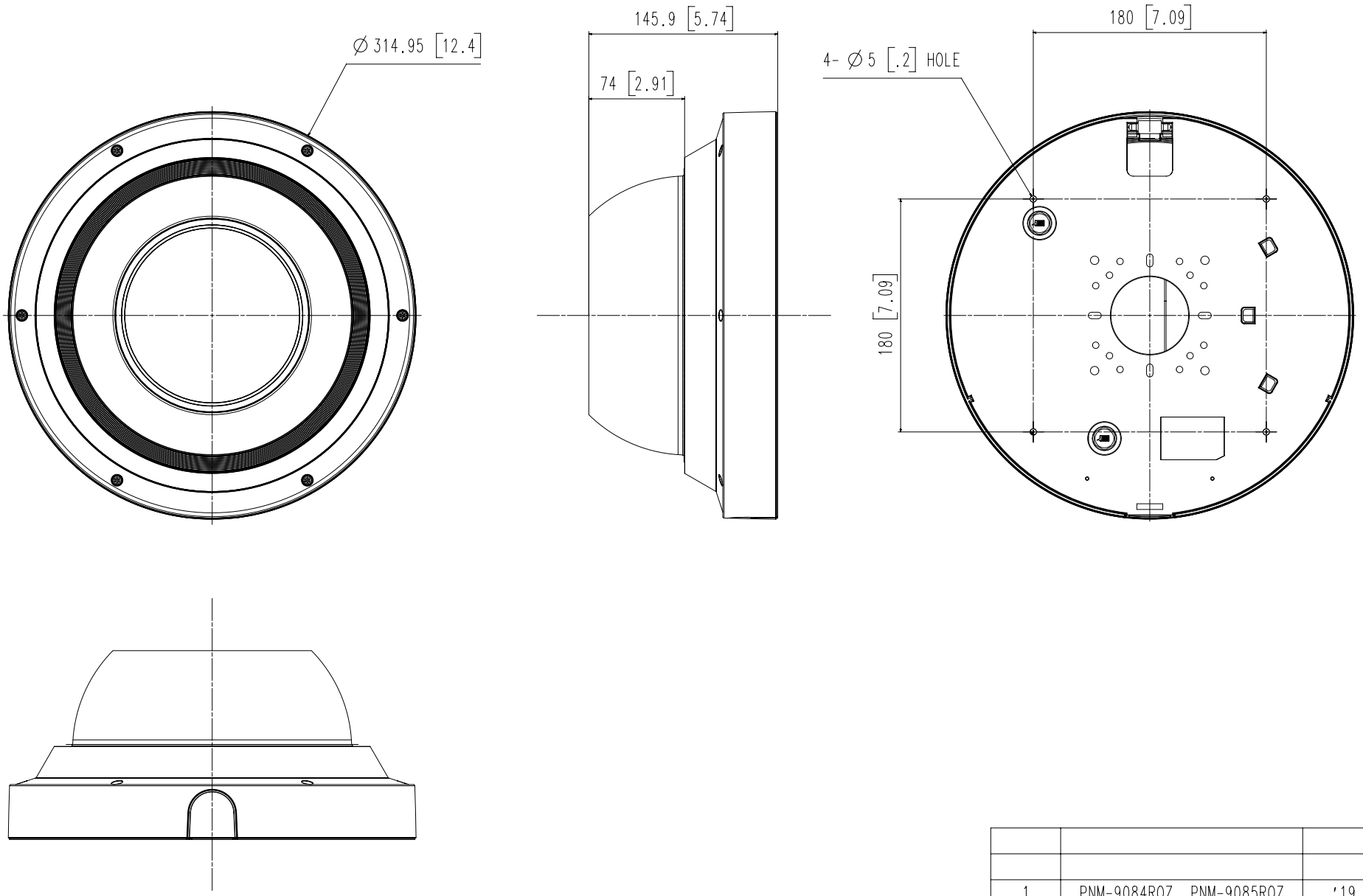
Alarm Events	File upload via FTP and e-mail Notification via e-mail SD/SDHC/SDXC at event triggers Alarm output Handover
Audio In	Selectable(mic in/line in) Supply voltage: 2.5VDC(4mA), Input impedance: 2K Ohm
Audio Out	Line out, Max.output level: 1Vrms
Network	
Ethernet	Metal shielded RJ-45(10/100/1000BASE-T)
Video Compression	H.265/H.264: Main/Baseline/High, MJPEG
Audio Compression	G.711 u-law /G.726 G.726(ADPCM) 8KHz, G.711 8KHz G.726: 16Kbps, 24Kbps, 32Kbps, 40Kbps AAC-LC: 48Kbps at 16KHz
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) Device Certificate(Hanwha Techwin Root CA)
Application Programming Interface	ONVIF Profile S/T SUNAPI(HTTP API) Wisenet open platform
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	5GB RAM, 1280MB 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, NEMA4X
Input Voltage	HPoE(IEEE802.3bt, Class6, Type3, Injector included), 12VDC
Power Consumption	PoE: Max. 45 W, Typical 33.7 W 12VDC: Max. 42 W, Typical 32 W
Mechanical	
Color / Material	White / Aluminum

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RAL Code	RAL9003
Product Dimensions / Weight	Ø315x145.9 mm(12.40"x5.74") / 5.2 kg(11.5lb)
DORI (EN62676-4 standard)	
Detect (25PPM/ 8PPF)	Wide: 53.4m(175.2ft) / Tele: 151.5m(497.1ft)
Observe (63PPM/ 19PPF)	Wide: 21.4m(70.1)ft) / Tele: 60.6m(198.9ft)
Recognize (125PPM/ 38PPF)	Wide: 10.7m(35.0ft) / Tele: 30.3m(99.4ft)
Identify (250PPM/ 76PPF)	Wide: 5.3m(17.5)ft) / Tele: 15.2m(49.7ft)

- The lastest 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.

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1	PNM-9084RQZ, PNM-9085RQZ	'19.10.01
No.	MODEL NAME	DATE
Unit:mm[inch]	SCALE:1/1	Hanwha Techwin

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