PNP-9200RH

4K H.265 NW 20x IR PTZ Camera



Key Features

- Max. 8megapixel (3840 x 2160) resolution
- Real 4K 20x IR optical zoom, 16x digital zoom
- Max. Preset 400˚/sec (Pan), 300˚/sec (Tilt)
- H.265, H.264, MJPEG, WiseStream support
- Max.30fps@4K (H.265, H.264)
- Max. IR viewable length : 200m
- Day & Night (ICR), WDR (120dB)
- Auto tracking, Intelligent video analytics
- IP66, IK10

Accessories (Optional)


SBP-302HF


SBP-300WM


SBP-300WM1


SBP-300PM


SBP-300B


SBP-300NB


SBP-300KM


SBP-300CM


SBP-300LM

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Video	
Imaging Device	1/2.5" 8MP CMOS
Effective Pixels	3840(H)x2160(V)
Min. Illumination	Color: 0.01Lux(F1.6, 1/30sec) BW: 0Lux(IR LED)
Video Out	CVBS: 1.0 Vp-p / 75Ω composite, 720x480(N), 720x576(P) for installation
Lens	
Focal Length (Zoom Ratio)	4.8~96mm(20x) zoom
Max. Aperture Ratio	F1.8(Wide)~F3.6(Tele)
Angular Field of View	H: 65.1°(Wide)~3.8°(Tele) / V: 38.4°(Wide)~2.2°(Tele)
Min. Object Distance	1.5m(3.28ft)
Focus Control	Oneshot AF
Lens Type	DC auto iris
Pan / Tilt / Rotate	
Pan Range	360˚ Endless
Pan Speed	Preset: 400˚/sec, Manual: 0.024˚/sec ~ 250˚/sec
Tilt Range	190˚(-5˚~185˚)
Tilt Speed	Preset: 300˚/sec, Manual: 0.024˚/sec ~ 250˚/sec
Sequence	Preset(300ea), Swing, Group(6ea), Trace, Tour, Auto Run, Schedule
Preset Accuracy	±0.2˚
Azimuth	Support
Auto Tracking	Support
Operational	
IR Viewable Length	200m(656.17ft)
Camera Title	Displayed up to 15 characters
Day & Night	Auto(ICR)
Backlight Compensation	BLC, HLC, WDR, SSDR
Wide Dynamic Range	120dB
Digital Noise Reduction	SSNR
Defog	Support
Motion Detection	4ea, polygonal zones
Privacy Masking	16ea, rectangular zones - Color: Grey/Green/Red/Blue/Black/White
Gain Control	Low / Middle / High
White Balance	ATW / AWC / Manual / Indoor / Outdoor
Electronic Shutter Speed	Minimum / Maximum / Anti flicker (2~1/12,000sec)
Video Rotation	Flip, Mirror
Analytics	Motion detection, Appear/Disappear, Enter/Exit, Tampering, Virtual line, Audio detection
Serial Interface	RS-485(Samsung-T, Pelco-D/P, Panasonic, Bosch, AD, GE, Vicon, Honeywell)
Alarm I/O	Input 4ea / Output 2ea
Alarm Triggers	Analytics, Network disconnect, Alarm input

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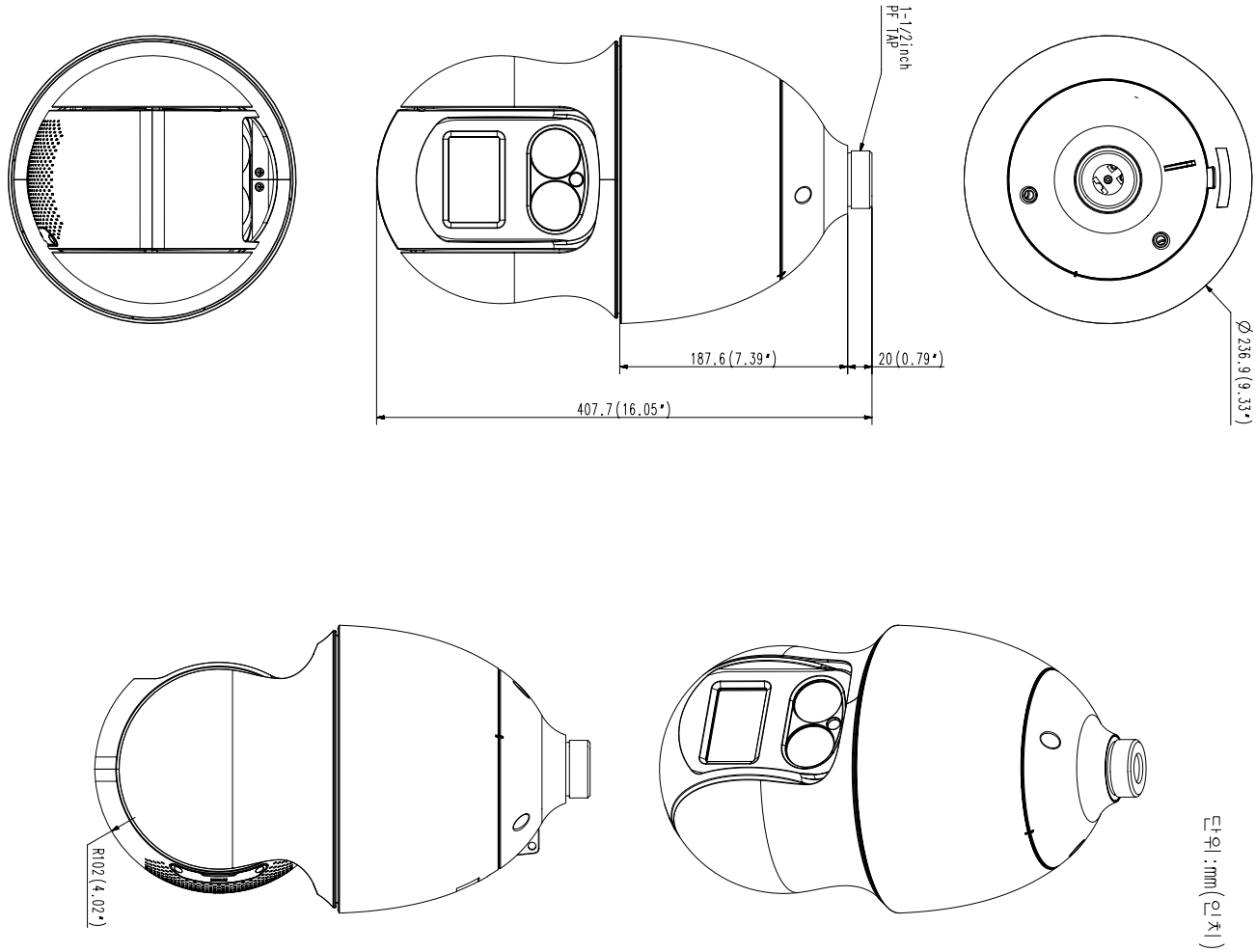
Alarm Events	File upload via FTP and e-mail Notification via e-mail SD/SDHC/SDXC or NAS recording at event triggers Alarm output PTZ Preset
Audio In	Selectable(mic in/line in) Supply voltage: 2.5VDC(4mA), Input impedance: 2K Ohm
Audio Out	Line out, Max.output level: 1Vrms
Network	
Ethernet	RJ-45(10/100BASE-T), SFP(Optional)
Video Compression	H.265/H.264: Main/Baseline/High, MJPEG
Resolution	3840x2160, 2592x1944, 2592x1464, 1920x1080, 1600x1200, 1280x1024, 1280x960, 1280x720, 1024x768, 800x600, 800x448, 720x576, 720x480, 640x480, 640x360, 320x240
Max. Framerate	H.265/H.264: Max. 30fps/25fps(60Hz/50Hz) MJPEG: Max. 30fps/25fps(60Hz/50Hz)
Smart Codec	Manual(5ea area), WiseStream
Bitrate Control	H.264/H.265: CBR or VBR MJPEG: VBR
Streaming	Unicast(15 users) / Multicast Multiple streaming (Up to 3 profiles)
Audio Compression	G.711 u-law /G.726 Selectable G.726(ADPCM) 8KHz, G.711 8KHz G.726: 16Kbps, 24Kbps, 32Kbps, 40Kbps AAC-LC: 48Kbps at 16KHz
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)
Edge Storage	SD/SDHC/SDXC 1slot 128GB
Application Programming Interface	ONVIF Profile S/G SUNAPI(HTTP API) Wisenet open platform
Web Viewer	Support OS: Windows 7, 8.1, 10, Mac OS X 10.10, 10.11 Recommended brower : Google Chrome Supported broswer: MS Explore11, MS Edge, Mozilla Firefox(Window 64bit only), Apple Safari (Mac OS X only)
Memory	1024MB RAM, 256MB Flash
Environmental	
Operating Temperature / Humidity	-50°C~+55°C (-122°F~+131°F) / Less than 90% RH
Storage Temperature / Humidity	-50°C~+60°C (-122°F~+140°F) / Less than 90% RH
Certification	IP66, IK10
Electrical	
Input Voltage	24VAC
Power Consumption	24VAC: Max 90W
Mechanical	

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Color / Material	Body: Ivory / Plastic, Head: Black / Plastic
Product dimensions / weight	Ø236.9x407.7mm(9.33x16.05"), 7.1Kg(15.65 lb)

- 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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