

# XNP-9300RW

4K 30x IR PTZ with built-in wiper

Network



FC | | CE | EAC

## Key Features

- Max. 4K resolution
- 5~150mm(30x) optical zoom (digital 32x, total 960x zoom)
- Max. IR viewable length 200m
- Day & Night(ICR), extreme WDR, DIS(Built-in gyro sensor)
- Intelligent Analytics, Object auto tracking(Person/Vehicle), Target lock tracking
- H.264, H.265, MJPEG codec, WiseStreamII
- IP66, IK10, NEMA4X, NEMA-TS 2(2.2.8, 2.2.9)
- PTZ PLUS Design applied(Compact, Lighter, Simple cabling)

## Compatible Accessories (Optional)



SBP-156HMW



SBP-300WMW



SBP-156CMW



SBP-156KMW



SBP-156WMW



SBP-156LMW



SBP-300WMW1



SBP-300LMW



SBP-300KMW



SBP-300PMW



SBP-300BW



SBP-300CMW

<b>Video</b>	
<b>Imaging Device</b>	1/2.8" 8MP CMOS
<b>Resolution</b>	3840x2160, 2592x1944, 2592x1464, 1920x1080, 1600x1200, 1280x1024, 1280x960, 1280x720, 1024x768, 800x600, 800x448, 720x576, 720x480, 640x480, 640x360, 320x240
<b>Max. Framerate</b>	H.265/H.264: Max. 30fps/25fps(60Hz/50Hz) MJPEG: Max. 30fps/25fps(60Hz/50Hz)
<b>Min. Illumination</b>	Color: 0.1Lux(F1.6, 1/30sec) BW: 0Lux(IR LED On)
<b>Lens</b>	
<b>Focal Length (Zoom Ratio)</b>	5~150mm(30x) zoom (digital 32x, total 960x zoom)
<b>Max. Aperture Ratio</b>	F1.6(Wide) - F4.56(Tele)
<b>Angular Field of View</b>	H: 57.42(Wide)~2.19(Tele) / V: 33.54(Wide)~1.25(Tele)
<b>Min. Object Distance</b>	3m(9.84ft)
<b>Focus Control</b>	Oneshot AF, Focus save
<b>Lens Type</b>	DC auto iris
<b>Pan / Tilt / Rotate</b>	
<b>Pan Range</b>	360 Endless
<b>Pan Speed</b>	Max. 500/sec, Manual: 0.024/sec~250/sec
<b>Tilt Range</b>	110(-20~90)
<b>Tilt Speed</b>	Max. 350/sec, Manual: 0.024/sec~250/sec
<b>Sequence</b>	Preset(300ea), Swing, Group(6ea), Trace, Tour, Auto Run, Schedule
<b>Preset Accuracy</b>	±0.1, Pan/Tilt correction
<b>Operational</b>	
<b>Camera Title</b>	Displayed up to 85 characters
<b>Direction Indicator</b>	Support
<b>Day &amp; Night</b>	Auto(ICR)/Color/BW/Schedule
<b>Backlight Compensation</b>	BLC, HLC, WDR, SSSDR
<b>Wide Dynamic Range</b>	Extreme WDR(120dB)
<b>Digital Noise Reduction</b>	SSNR V
<b>Digital Image Stabilization</b>	Support(built-in gyro sensor)
<b>Defog</b>	Support
<b>Motion Detection</b>	8ea, 8point polygonal zones
<b>Privacy Masking</b>	32ea, rectangular Support - Color: Grey/Green/Red/Blue/Black/White - Mosaic
<b>Gain Control</b>	Manual / Max
<b>White Balance</b>	ATW /Narrow ATW /AWC /Manual /Indoor /Outdoor /Mercury /Sodium
<b>Electronic Shutter Speed</b>	Minimum / Maximum / Anti flicker (2~1/12,000sec)
<b>Video Rotation</b>	Flip, Mirror

<b>Analytics</b>	Directional detection, Fog detection, Face detection, Motion detection, Appear/Disappear, Enter/Exit, Loitering, Tampering, Virtual line, Shock detection * Audio detection, Sound classification(with NW I/O Box)
<b>Alarm Triggers</b>	Analytics, Network disconnect * Alarm input(with NW I/O Box)
<b>Alarm Events</b>	File upload via FTP and e-mail Notification via e-mail SD/SDHC/SDXC or NAS recording at event triggers PTZ Preset Handover * Alarm output(with NW I/O Box)
<b>IR Viewable Length</b>	200m(656.17ft), Wise IR
<b>Water Removal</b>	Support(with wiper)
<b>Auto Tracking</b>	Object auto tracking(Person/Vehicle), Target lock tracking
<b>Network</b>	
<b>Ethernet</b>	Metal shielded RJ-45(10/100BASE-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(20 users) / Multicast (128 user) Multiple streaming(Up to 10 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, SRTP
<b>Security</b>	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) Cyber security assurance program UL CAP(UL 2900-1)
<b>Application Programming Interface</b>	ONVIF Profile S/G/T SUNAPI(HTTP API) Wisenet open platform
<b>General</b>	
<b>Webpage Language</b>	English, Korean, Chinese, French, Italian, Spanish, German, Japanese, Russian, Swedish, Portuguese, Czech, Polish, Turkish, Dutch, Hungarian, Greek
<b>Edge Storage</b>	Micro SD/SDHC/SDXC 2slot 1TB
<b>Memory</b>	4GB RAM, 512MB Flash
<b>Environmental &amp; Electrical</b>	
<b>Operating Temperature / Humidity</b>	Normal : -40°C~+55°(-40°F ~ +131°F) / Maximum Temperature based on NEMA-TS 2(2.2.7) : +74°C(+165°F) * Start up should be done at above -30°C Less than 95% RH(Non-condensing)
<b>Storage Temperature / Humidity</b>	-50°C~+60°C (-58°F~+140°F) / Less than 95% RH(Non-condensing)
<b>Certification</b>	IP66, IK10, NEMA4X, NEMA-TS 2(2.2.8, 2.2.9)

<b>Input Voltage</b>	HPoE(IEEE802.3bt, Class6, Type3, Injector included)
<b>Power Consumption</b>	Typical 20W, Max 42W

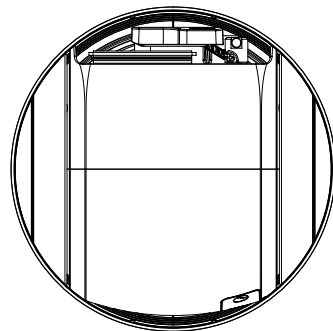
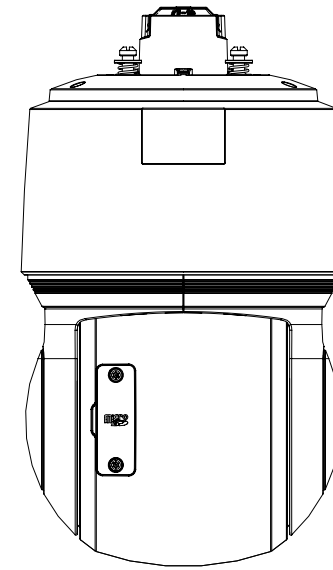
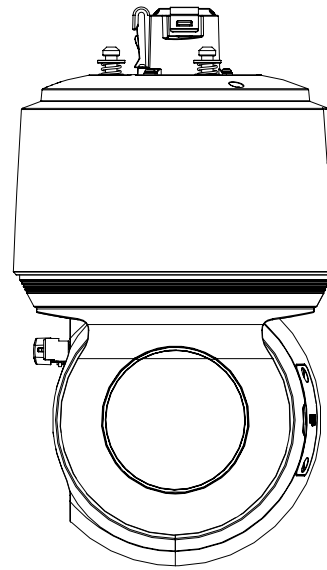
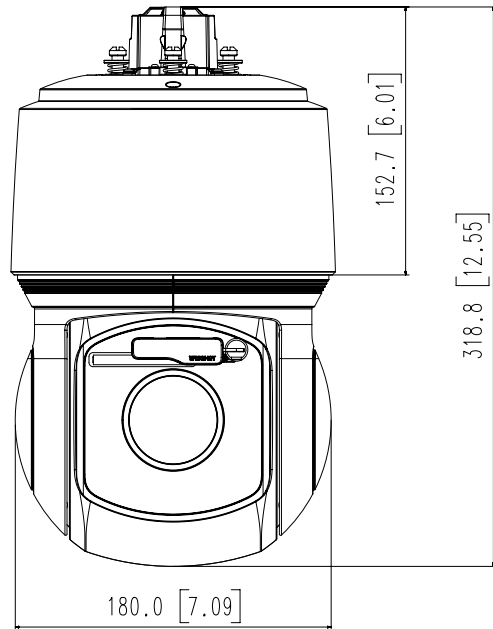
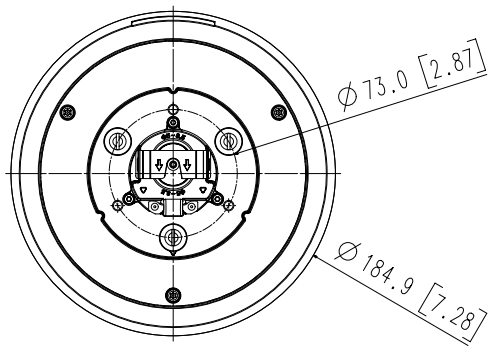
### Mechanical

<b>Color / Material</b>	White, Black / Aluminum+Polycarbonate
<b>RAL Code</b>	White: RAL9003 / Black: RAL9005
<b>Product Dimensions / Weight</b>	Ø184.9x318.8mm(7.28x12.55") / 5.4Kg(11.90lb)

### DORI

<b>Detect (25PPM/ 8PPF)</b>	Wide: 140.2m(460.0ft) / Tele: 4018.1m(13182.6ft)
<b>Observe (63PPM/ 19PPF)</b>	Wide: 56.1m(184.0ft) / Tele: 1607.2m(5273.1ft)
<b>Recognize (125PPM/ 38PPF)</b>	Wide: 28.0m(92.0ft) / Tele: 803.6m(2636.5ft)
<b>Identify (250PPM/ 76PPF)</b>	Wide: 14.0m(46.0ft) / Tele: 401.8m(1318.3ft)

- 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.



3	XNP-6400RW	
2	XNP-8300RW	
1	XNP-9300RW	'20.05.20
No.	MODEL NAME	DATE
Unit:mm[inch]		SCALE:1/1
Hanwha Techwin		

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