

XNP-6400RW

2MP Network 40x IR PTZ with built-in wiper



Key Features

- Maximum 2MP resolution
- 4.25~170mm (40x) optical zoom
- Maximum 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 (Vibration) & 2.2.9 (Shock)
- PTZ PLUS Design applied (Compact, Lighter, Simple cabling)
- -20° tilt look-up capability to see above the horizon.

Video

Imaging Device	1/2.8" CMOS
Resolution	1920x1080, 1280x1024, 1280x960, 1280x720, 1024x768, 800x600, 800x448, 720x576, 720x480, 640x480, 640x360, 320x240
Maximum Framerate	H.265/H.264: Maximum 60fps MJPEG: Maximum 30fps
Minimum Illumination	Color: 0.05Lux(F1.6, 1/30sec) BW: 0Lux(IR LED On)

Lens

Focal Length (Zoom Ratio)	4.25~170mm(40x) zoom
Maximum Aperture Ratio	F1.6(Wide)~F4.95(Tele)
Angular Field of View	H: 65.66°(Wide)~1.88°(Tele) / V: 39.40°(Wide)~1.09°(Tele)
Minimum Object Distance	3m(9.84ft)
Focus Control	Oneshot AF, Focus save
Lens Type	DC auto iris

Pan / Tilt / Rotate

Pan Range	360° Endless
Pan Speed	Maximum 500°/sec, Manual: 0.024°/sec~250°/sec
Tilt Range	110°(-20°~90°) -20° tilt look-up capability to see above the horizon.
Tilt Speed	Maximum 350°/sec, Manual: 0.024°/sec~250°/sec
Sequence	Preset (300ea), Swing, Group(6ea), Trace, Tour, Auto Run, Schedule±0.1°,
Preset Accuracy	Pan/Tilt correction

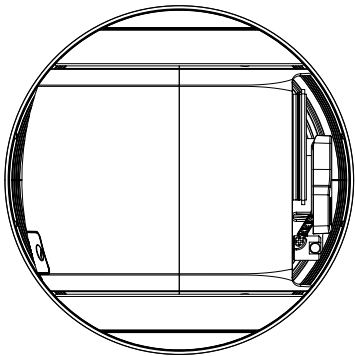
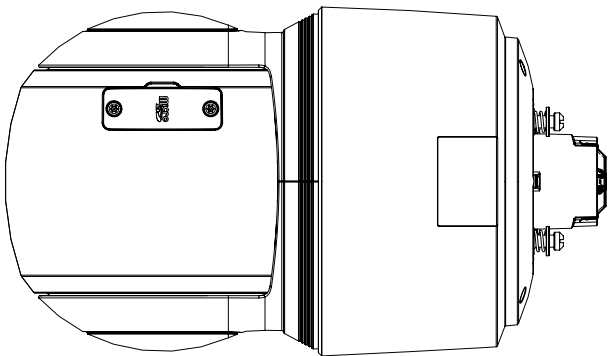
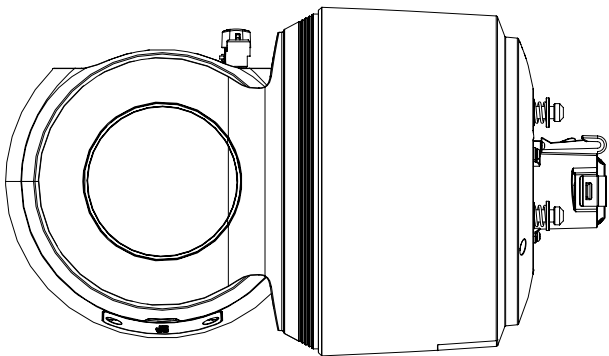
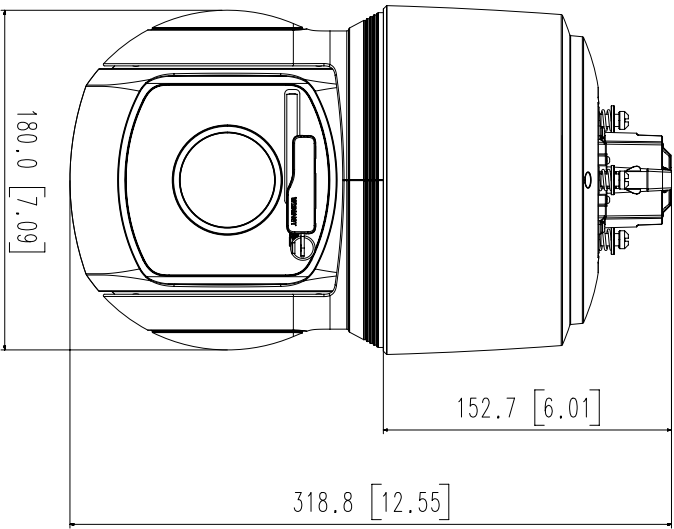
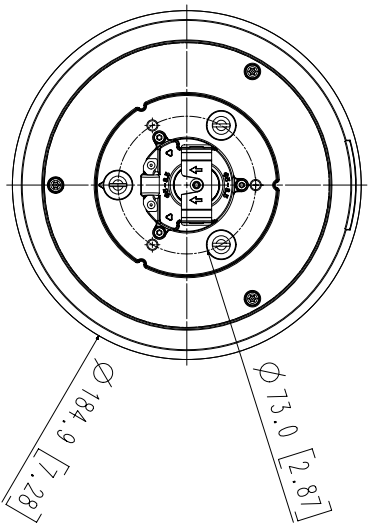
Operational

Camera Title	Displayed up to 85 characters
Direction Indicator	Support
Day & Night	Auto(ICR)/Color/BW/Schedule
Backlight Compensation	BLC, HLC, WDR, SSDR
Wide Dynamic Range	Extreme WDR(150dB)
Digital Noise Reduction	SSNR V
Digital Image Stabilization	Support(built-in gyro sensor)
Defog	Support
Motion Detection	8ea, 8point polygonal zones
Privacy Masking	32ea, rectangular Support - Color: Grey/Green/Red/Blue/Black/White - Mosaic
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	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)
Alarm Triggers	Analytics, Network disconnect * Alarm input(with NW I/O Box)

Alarm Events	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)
IR Viewable Length	200m(656.17ft)
Water Removal	Support (with wiper and lens heater)
Auto Tracking	Object auto tracking(Person/Vehicle), Target lock tracking
Network	
Ethernet	Metal shielded RJ-45(10/100BASE-T)
Video Compression	H.265/H.264: Main/Baseline/High, MJPEG
Smart Codec	Manual(5ea area), WiseStreamII
Bitrate Control	H.264/H.265: CBR or VBR MJPEG: VBR
Streaming	Unicast(20 users) / Multicast (128 user) 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, SRTP
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/G/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
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 Internet Explorer 11, MS Edge, Mozilla Firefox(Window 64bit only), Apple Safari(Mac OS X only)
Edge Storage	Micro SD/SDHC/SDXC 2 slots total maximum capacity 1TB
Memory	4GB RAM, 512MB Flash
Environmental & Electrical	
Operating Temperature / Humidity	Normal : -40°C~+55°(-40°F ~ +131°F) / Intermittent : -40°C~+60°C(-40°F ~ +140°F) Maximum Temperature based on NEMA-TS 2(2.2.7) : +74°C(+165°F) Less than 95% RH(Non-condensing)
Storage Temperature / Humidity	-50°C~+60°C (-58°F~+140°F) / Less than 95% RH(Non-condensing)
Certification	IP66, IK10(Camera body only), NEMA4X, UL CAP, NEMA TS-2 2.2.8 (Vibration) & 2.2.9 (Shock)
Input Voltage	HPoE(IEEE802.3bt, Class6, Type3, Injector included)
Power Consumption	HPoE(Camera only): Maximum 42W, typical 20W
Mechanical	
Color / Material	White, Black / Aluminum+Polycarbonate
RAL Code	White: RAL9003 / Black: RAL9005

Product dimensions / weight	Ø184.9x318.8mm(7.28x12.55") / 5.4Kg(11.90lb)
DORI (EN62676-4 standard)	
Detect (25PPM/ 8PPF)	Wide: 60m(195.3ft) / Tele: 2340m(7678.4ft)
Observe (63PPM/ 19PPF)	Wide: 24m(78.1ft) / Tele: 936m(3071.4ft)
Recognize (125PPM/ 38PPF)	Wide: 12m(39.4ft) / Tele: 468m(1535.7ft)
Identify (250PPM/ 76PPF)	Wide: 6m(19.5ft) / Tele: 234m(767.8ft)

- The latest product information / specification can be found at hanwhasecurity.com
- Design and specifications are subject to change without notice.
- Wisenet is the proprietary brand of **Hanwha Techwin**, formerly known as Samsung Techwin.



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