

XNP-8300RW

6MP Network 30x IR PTZ with built-in wiper



Key Features

- Max. 6MP resolution
- 5~150mm(30x) optical 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
- PTZ PLUS Design applied(Compact, Lighter, Simple cabling)

Accessories (Optional)



SBP-156LMW



SBP-156CMW

Video

| | |
|-------------------|--|
| Imaging Device | 1/2.8" CMOS |
| Resolution | 3328x1872, 3072x1728, 2592x1944, 2688x1520, 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) |
| Min. Illumination | Color: 0.1Lux(F1.6, 1/30sec) BW: 0Lux(IR LED On) |

Lens

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|---------------------------|---|
| Focal Length (Zoom Ratio) | 5~150mm(30x) zoom |
| Max. Aperture Ratio | F1.6(Wide) - F4.56(Tele) |
| Angular Field of View | H: 57.42 ° (Wide)~2.19 ° (Tele) / V: 33.54 ° (Wide)~1.25 ° (Tele) |
| Min. 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 | Max. 500 ° /sec, Manual: 0.024 ° /sec~250 ° /sec |
| Tilt Range | 110 ° (-20 ° ~90 °) |
| Tilt Speed | Max. 350 ° /sec, Manual: 0.024 ° /sec~250 ° /sec |
| Sequence | Preset(300ea), Swing, Group(6ea), Trace, Tour, Auto Run, Schedule |
| Preset Accuracy | ± 0.1 ° , Pan/Tilt correction |

Operational

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|-----------------------------|---|
| Camera Title | Displayed up to 85 characters |
| Direction Indicator | Support |
| Day & Night | Auto(ICR)/Color/BW/Schedule |
| Backlight Compensation | BLC, HLC, WDR, SSSDR |
| Wide Dynamic Range | Extreme WDR(120dB) |
| Digital Noise Reduction | SSNRV |
| 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), Wise IR |
| Water Removal | Support(with wiper) |
| 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), WiseStream II |
| 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, SRTSP |
| 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

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|------------------|---|
| 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 Explore11, MS Edge, Mozilla Firefox(Window 64bit only), Apple Safari(Mac OS X only) |

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|--------------|------------------------------|
| Edge Storage | Micro SD/SDHC/SDXC 2slot 1TB |
| Memory | 4GB RAM, 512MB Flash |

Environmental & Electrical

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|----------------------------------|--|
| 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 |
| Input Voltage | HPoE(IEEE802.3bt, Class6, Type3, Injector included) |
| Power Consumption | HPoE(Camera only): Max 42W, typical 20W |

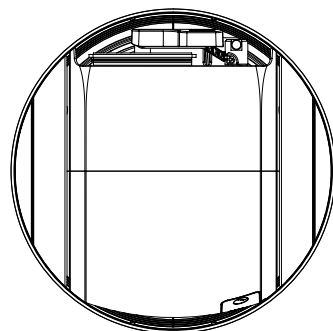
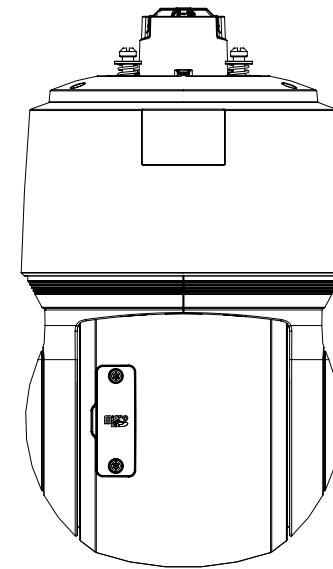
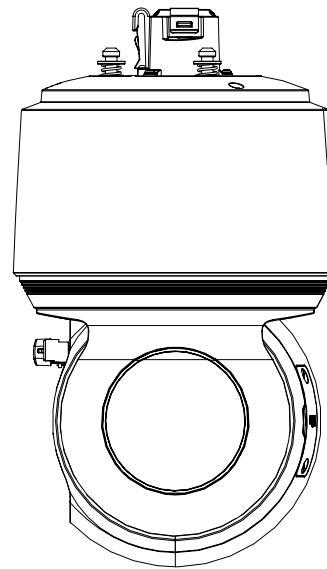
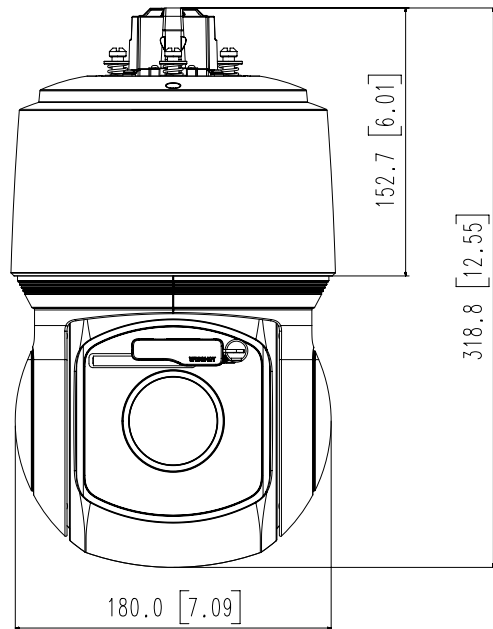
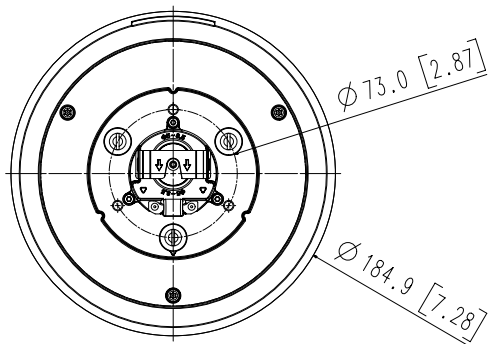
Mechanical

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|-----------------------------|--|
| Color / Material | White, Black / Aluminum+Polycarbontate |
| RAL Code | White: RAL9003 / Black: RAL9005 |
| Product dimensions / weight | ∅184.9x318.8mm(7.28x12.55") / 5.4Kg(11.90lb) |

DORI (EN62676-4 standard)

| | |
|---------------------------|--|
| Detect (25PPM/ 8PPF) | Wide: 122m(398.7ft) / Tele: 3482m(11424.9ft) |
| Observe (63PPM/ 19PPF) | Wide: 49m(159.5ft)/ Tele: 1393m(4570.0ft) |
| Recognize (125PPM/ 38PPF) | Wide: 24m(79.7ft)/ Tele: 697m(2285.0ft) |
| Identify (250PPM/ 76PPF) | Wide: 348m(1142.5ft) / Tele: 348m(1142.5ft) |

- The latest 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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| 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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