





XNO-9083R

4K AI IR Bullet Camera











Key Features

- Maximum 4K resolution
- Color: 0.04 Lux (F1.3, 1/30 sec, 30IRE), 0 Lux (IR LED on)
- Maximum 30 fps (H.265/H.264)
- Maximum IR viewable length: WiseIR 50m (164.04 ft)
- Day & Night (ICR), extremeWDR (120 dB)
- WiseNR II (Based on AI engine), WiseStreamIII (Based on AI engine)
- DIS with built-in Gyro sensor
- Analytics events based on AI engine (NPU): Object detection (Person/Face/Vehicle car, truck, bus, bicycle, motorcycle/License plate),

IVA (Virtual line/Area, Enter/Exit, Loitering, Direction, Intrusion)

- Analytics events : Defocus detection, Motion detection, Tampering, Fog detection Audio detection, Sound classification, Shock detection, Appear/Disappear
- Certification : IP66/IP67, NEMA4X, IK10



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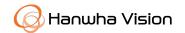






Specifications

| Video | |
|-----------------------------|---|
| Imaging Device | 1/1.8" progressive CMOS |
| Resolution | 3840x2160, 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(@8MP Max. 5fps) |
| Min. Illumination | Color: 0.04Lux(F1.3, 1/30sec, 30IRE) BW: 0.004Lux(F1.3, 1/30sec, 30IRE), OLux(IR LED on) |
| Video Out | CVBS: 1.0 Vp-p / 75Ω composite, $720x480(N)$, $720x576(P)$ for installation USB: Micro USB Type B, $1280x720$ for installation |
| Lens | |
| Focal Length (Zoom Ratio) | 4.4~9.3mm(2.1x) motorized varifocal |
| Max. Aperture Ratio | F1.3(Wide)~F2.15(Tele) |
| Angular Field of View | H: 113°(Wide)~47°(Tele) V: 58°(Wide)~26°(Tele) D: 138°(Wide)~54°(Tele) |
| Min. Object Distance | 0.5m(1.64ft) |
| Focus Control | Simple focus, Manual |
| Lens Type | P-iris(IR corrected) |
| Operational | |
| Camera Title | Displayed up to 85 characters |
| Day & Night | Auto(ICR) |
| Backlight Compensation | BLC, HLC, WDR, SSDR |
| Wide Dynamic Range | extremeWDR(120dB) |
| Digital Noise Reduction | WiseNR II (Based on AI engine), SSNR V |
| Digital Image Stabilization | Support(built-in gyro sensor) |
| Defog | Support |
| Motion Detection | 8ea, 8point Polygonal zones |
| Privacy Masking | 32ea, 4point Quadrangle zones - Color: Gray/Green/Red/Blue/Black/White - Mosaic |
| Gain Control | Off / Max Gain / Manual |
| White Balance | ATW / NarrowATW / AWC / Manual / Indoor / Outdoor |
| LDC | Support(Fill/stretch mode) |
| Electronic Shutter Speed | Minimum / Maximum / Anti flicker(2~1/12,000sec) prefer shutter control(Based on Al engine) |
| Video Rotation | Flip, Mirror, Hallway view(90°/270°) |
| | |



| SMTP, ICMP, IGMP, SNMPv1/v2c/v3(MIB-2), ARP, DNS, DDNS, QoS, UPnP, Bonjour, LLDP, CDP, SRTP(TCP, UDP Unicast), MQTT Security TPM 2.0(FIPS 140-2 level 2) HTTPS(SSL) Login Authentication Digest Login Authentication IP Address Filtering User access log 802.1X Authentication(EAP-TLS, EAP-LEAP, EAP-PEAP MSCHAPv2) Device Certificate(Hanwha Techwin Root CA, pre-installed) Secure by default certificate Secure OS/Boot/Storage, Verify firmware forgery Application Programming Interface ONVIF Profile S/G/T/M SUNAPI(HTTP API) Wisenet open platform General Webpage Language English, Korean, Chinese, French, Italian, Spanish, German, Japanese, Russian, Portuguese, Czech, Polish, Turkish, Dutch, Greek, Hungarian Edge Storage Micro SD/SDHC/SDXC 2slot Max. 1TB(512GB * 2) | | |
|--|-----------------------------------|--|
| Alarm I/O 2 configurable I/O ports, DC 12V output(Max. 50mA) Alarm Triggers Analytics, Network disconnect. Alarm input. App event. Time schedule, MQTT subscription Alarm Events When alarm trigger occurred - File upload(image): e-mail/FTP - Notification: e-mail FTP - Audio (clip playback - MQTT: publication Audio In Supply voltage: 2.5VDC (4mA), Input impedance: 2K Ohm Audio Out Line out, Max.output level: 1Vrms IR Viewable Length WiselR 50m(164.04ft) Network Ethernet Metal shielded RJ-45(10/100/1000BASE-T) Video Compression H.265/H.264: Main/Baseline/High, MJPEG Audio Compression H.265/H.264: Main/Baseline/High, MJPEG Audio Compression G.711 u-law (6.726 selectable G.726 (ADPCM) BKHz, G.713 RKHz, G.732 rKbps, a AKDps, a XRbps, a AKDps, a ARC-1C: 48kDps at 16KHz Smart Codec ManualSea areal, WiseStream III, WiseStream III (Based on Al engine) Bitrate Control H.264/H.265: CBR or VBR MJPEG: VBR Streaming Unicat20 users / Multicast Multiple streaming/Up to 10 profiles, 3 virtual channel support) Protocol Bitrate (2001) Protocol Bitrate (2001) Alarma Shaper (2004) Alarma Shaper (2004) Application Programming Interface Secure OS/Boot/Storage, Verify Inmware forgery Application Programming Interface Secure OS/Boot/Storage, Verify Immware forgery General Webpage Language English, Korean, Chinese, French, Italian, Spanish, German, Japanese, Russian, Portuguese, Czech, Polish, Turkish, Dutch, Greek, Hungarian Edge Storage Micro SD/SDHC/SDXC 2slot Max. 1TB(512GB*2) | Analytics | Attributes: Vehicle (Type: car/bus/truck/motorcycle/bicycle) Support DetectionShot Analytics events based on AI engine - Object detection, Virtual line (Crossing/Direction), Virtual area (Loitering/Intrusion/Enter/Exit) Analytics events - Defocus detection, Motion detection, Tampering, Fog detection, Audio detection, Sound |
| Alarm Triggers Analytics, Network disconnect, Alarm input, App event, Time schedule, MQTT subscription Alarm Events When alarm trigger occurred - File upload(image): e-mail/FTP - Notification: e-mail - Recording: SD/SDHC/SDXC or NAS recording at event triggers - Alarm output - Handwore: PTZ preset, send message by HTTP/HTTP/TCP - Audio clip playback - MQTT* upblication Audio In Selectable/mic in/line in/) Supply voltage: 2.5 VDC (4mA), Input impedance: 2K Ohm Audio Out Line out, Max.output level: 1Vrms IR Viewable Length WiselR 50m(164.04ft) 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 (6.726 Selectable G.726(APCM) BKH, G.711 BKHZ G.726: 16KDps, 24KDps, 32KDps, 40KDps ACT-CL* 48KDps at 16KHZ G.726: 16KDps, 24KDps, 32KDps, 40KDps ACT-CL* 48KDps at 16KHZ G.726: 16KDps, 24KDps, 32KDps, 40KDps ACT-CL* 48KDps at 16KHZ G.726: 16KDps, 24KDps, 32KDps, 40KDps ACT-CL* 48KDps at 16KHZ G.726: 16KDps, 24KDps, 32KDps, 40KDps ACT-CL* 48KDps at 16KHZ G.726: 16KDps, 24KDps, 32KDps, 40KDps ACT-CL* 48KDps at 16KHZ G.726: 16KDps, 24KDps, 32KDps, 40KDps ACT-CL* 48KDps at 16KHZ G.726: 16KDps, 24KDps, 32KDps, 40KDps ACT-CL* 48KDps at 16KHZ G.726: 16KDps, 24KDps, 32KDps, 40KDps ACT-CL* 48KDps at 16KHZ G.726: 16KDps, 24KDps, 32KDps, 40KDps ACT-CL* 48KDps at 16KHZ G.726: 16KDps, 24KDps, 32KDps, 40KDps ACT-CL* 48KDps at 16KHZ G.726: 16KDps, 24KDps, 32KDps, 40KDps ACT-CL* 48KDps at 16KHZ G.726: 16KDps, 24KDps, 32KDps, 40KDps ACT-CL* 48KDps at 16KHZ G.726: 16KDps, 24KDps, 32KDps, 40KDps ACT-CL* 48KDps at 16KHZ G.726: 16KDps, 24KDps, 32KDps, 40KDps ACT-CL* 48KDps at 16KHZ G.726: 16KDps, 24KDps, 32KDps, 40KDps ACT-CL* 48KDps at 16KHZ G.726: 16KDps, 24KDps, 32KDps, 40KDps ACT-CL* 48KDps at 16KHZ G.726: 16KDps, 24KDps, | Business Intelligence | |
| Alarm Events | - | |
| - File upload(image): e-mail/FIP - Notification: e-mail/ - Recording; 50/SDHC/SDXC or NAS recording at event triggers - Alarm output - Handower: PTZ prest, send message by HTTP/HTTPS/TCP - Audio clip playback - MQTT: publication Audio In - Selectable(mic in/line in) - Supply voltage: 2.5VDC(4mA). Input impedance: 2K Ohm Audio Out - Line out, Max.output level: 1Vrms IR Viewable Length - WiselR 50m(164.04ft) 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 Selectable - G.726/ADPCM) BKHz, G.711 BKHz - G.726/ADPCM, BK | Alarm Triggers | Analytics, Network disconnect, Alarm input, App event, Time schedule, MQTT subscription |
| Supply voltage: 2.5VDC(4mA), Input impedance: 2K Ohm Audio Out Line out, Max.output level: 1Vrms IR Viewable Length WiselR 50m(164.04ft) Network Ethernet Metal shielded RJ-45(10/100/1000BASE-T) Video Compression H.265/H.264: Main/Baseline/High, MJPEG Audio Compression G.7.11 u-law, /G.726.5electable G.7264.16Kbps, 32Kbps, 40Kbps AGC-LC: 48Kbps at 16KHz G.726.16Kbps, 24Kbps, 32Kbps, 40Kbps AAC-LC: 48Kbps at 16KHz Smart Codec Manual(5ea area), WiseStream II, WiseStream III(Based on AI engine) Bitrate Control H.264/H.265: CBR or VBR MJPEG: VBR Streaming Unicast(20 users) / Multicast Multiple streaming(Up to 10 profiles, 3 virtual channel support) Protocol PlP4, IPP4, TCP/IP, UDP/IP, RTP(UDP), RTP(TCP), RTCP, RTSP, NTP, HTTP, HTTPS, SSL/TLS, DHCP, FS, SMTP, ICMP, IGMP, SMMPV1/v2c/v3(MIB-2), ARP, DNS, DDNS, QoS, UPnP, Bonjour, LLDP, CDP, SRTP(TCP, UDP) Unicast), MQTT Security HTMP.20(IPPS 140-2 level 2) HTMP.20(IPPS 140-2 l | Alarm Events | - File upload(image): e-mail/FTP - Notification: e-mail - Recording: SD/SDHC/SDXC or NAS recording at event triggers - Alarm output - Handover: PTZ preset, send message by HTTP/HTTPS/TCP - Audio clip playback |
| 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 Selectable G.726(ADPCM) 8KHz G.731 BKHz G.726: 16Kbps, 24Kbps, 32Kbps, 40Kbps AAC-LC: 48Kbps at 16KHz Smart Codec Manual (5ea area), WiseStream III, WiseStreamIII(Based on AI engine) Bitrate Control H.264/H.265: CBR or VBR MJPEG: VBR Streaming Unicast(20 users) / Multicast Multiple streaming (Up to 10 profiles, 3 virtual channel support) Protocol IPv4, IPv6, TCP/IP, UDP/IP, RTP(UDP), RTP(TCP), RTCP, RTSP, NTP, HTTP, HTTPS, SLI/TLS, DHCP, FSMTP, ICMP, IGMP, SMMPYI/AZV/3/MIB-2), ARP, DNS, DDNS, QoS, UPnP, Bonjour, LLDP, CDP, SRTP(TCP, UDP Unicast), MOTT Security TPM 2.0(FIPS 140-2 level 2) HTTPS(SSL) Login Authentication Digest Login Authentication Digest Login Authentication Digest Login Authentication (EAP-TLS, EAP-LEAP, EAP-PEAP MSCHAPV2) Device Certificate(Hanwha Techwin Root CA, pre-installed) Secure by default certificate Secure OS/Boot/Storage, Verify firmware forgery Application Programming Interface ONIVE Profile S/G/T/M SUNAPI(HTTP AP) Wisenet open platform General Webpage Language English, Korean, Chinese, French, Italian, Spanish, German, Japanese, Russian, Portuguese, Czech, Polish, Turkish, Dutch, Greek, Hungarian Micro SD/SDHC/SDXC Zslot Max. 1TB(512GB*2) | Audio In | |
| 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 Selectable G.726(A)PCM) 8KHz, G.711 BKHz G.726: 16Kbps, 24kbps, 32Kbps, 40kbps AAC-LC: 48Kbps at 16KHz Smart Codec Manual (Sea area), WiseStream III, WiseStreamIII (Based on AI engine) Bitrate Control H.264/H.265: CBR or VBR MJPEG: VBR Streaming Unicast(20 users) / Multicast Multiple streaming(Up to 10 profiles, 3 virtual channel support) Protocol IPv4, IPv6, TCP/IP, UDP/IP, RTP(UDP), RTP(TCP), RTCP.RTSP, NTP, HTTP, HTTPS, SSL/TLS, DHCP, F. SMTP, ICMP, IGMP, SMNPv1/v2c/v3(MIB-2), ARP, DNS, DDNS, QoS, UPnP, Bonjour, LLDP, CDP, STRTP(TCP, UDP Unicasts), MQTT TPM 2.0(FIPS 140-2 level 2) | Audio Out | Line out, Max.output level: 1Vrms |
| 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 Selectable G.726(ADPCM) 8KHz. G.711 8KHz. G.721 8KHz. G.721 8KHz. G.721 8KHz. G.725: 15Kbps, 24kbps, 32kbps, 40Kbps AAC-LC: 48Kbps at 16KHz Smart Codec Manual(Sea area), WiseStream II, WiseStream III (Based on AI engine) Bitrate Control H.264/H.265: CBR or VBR MJPEG: VBR Streaming Unicast(20 users) / Multicast Multiple streaming(Up to 10 profiles, 3 virtual channel support) Protocol IP44, IP46, TCP/IP, UDP/IP, RTP(UDP), RTP(TCP), RTCP, RTSP, NTP, HTTP, HTTPS, SSL/TLS, DHCP, F. SMTP, ICMP, IGMP, SMMP/1/2c/v3(MIB-2), ARP, DNS, DDNS, QoS, UPnP, Bonjour, LLDP, CDP, SRTP(TCP, UDP Unicast), MQTT Security TPM 2.0(FIPS 140-2 level 2) HTTPS(SSL) Login Authentication IP Address Filtering User access log 802, 1X Authentication IP Address Filtering User access 10g 802, 1X Authentication (EAP-TLS, EAP-LEAP, EAP-PEAP MSCHAPV2) Device Certificate(Hamwha Techwin Root CA, pre-installed) Secure by default certificate Secure OS/Boot/Storage, Verify firmware forgery Application Programming Interface ONIF Profile S/G/T/M SUNAP((HTTP AP)) Wisenet open platform General Webpage Language English, Korean, Chinese, French, Italian, Spanish, German, Japanese, Russian, Portuguese, Czech, Polish, Turkish, Dutch, Greek, Hungarian Edge Storage Micro SD/SDHC/SDXC 2slot Max. 1TB(512GB * 2) | IR Viewable Length | WiseIR 50m(164.04ft) |
| Video Compression H. 265/H. 264: Main/Baseline/High, MJPEG Audio Compression G. 711 u-law /G. 726 Selectable G. 726(ADPCM) 8KHz, G. 711 8KHz G. 726 Selectable G. 726 Selec | Network | |
| Video Compression H. 265/H. 264: Main/Baseline/High, MJPEG Audio Compression G. 711 u-law /G. 726 Selectable G. 726(ADPCM) 8KHz, G. 711 8KHz G. 726 Selectable G. 726 Selec | Ethernet | Metal shielded RJ-45(10/100/1000BASE-T) |
| 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, WiseStream III (Based on AI engine) Bitrate Control H,264/H,265: CBR or VBR MJPEG: VBR MJPEG: VBR Unicast(20 users) / Multicast Multiple streaming(Up to 10 profiles, 3 virtual channel support) Protocol Protocol IPv4, IPv6, TCP/IP, UDP/IP, RTP(UDP), RTP(TCP), RTCP,RTSP, NTP, HTTP, HTTPS, SSL/TLS, DHCP, FSMTP, ICMP, IGMP, SMMPy1/v2c/v3(MIB-2), ARP, DNS, DDNS, QoS, UPnP, Bonjour, LLDP, CDP, SRTP(TCP, UDP Unicast), MQTT Security TPM 2.0(FIPS 140-2 level 2) HTTPS(SSL) Login Authentication Digest Login Authentication Digest Login Authentication IP Address Filtering User access log 802.1X Authentication(EAP-TLS, EAP-LEAP, EAP-PEAP MSCHAPv2) Device Certificate(Hanwha Techwin Root CA, pre-installed) Secure by default certificate Secure OS/Boot/Storage, Verify firmware forgery Application Programming Interface ONVIF Profile S/G/T/M SUNAPI(HTTP API) Wisenet open platform General Webpage Language English, Korean, Chinese, French, Italian, Spanish, German, Japanese, Russian, Portuguese, Czech, Polish, Turkish, Dutch, Greek, Hungarian Edge Storage Micro SD/SDHC/SDXC 2slot Max. 1TB(512GB * 2) | Video Compression | H.265/H.264: Main/Baseline/High, MJPEG |
| Bitrate Control H.264/H.265: CBR or VBR MJPEG: VBR Streaming Unicast(20 users) / Multicast Multiple streaming(Up to 10 profiles, 3 virtual channel support) Protocol IPv4, IPv6, TCP/IP, UDP/IP, RTP(UDP), RTP(TCP), RTCP,RTSP, NTP, HTTP, HTTPS, SSL/TLS, DHCP, F'SMTP, ICMP, IGMP, SMMPv1/v2c/v3(MIB-2), ARP, DNS, DDNS, QoS, UPnP, Bonjour, LLDP, CDP, SRTP(TCP, UDP Unicast), MQTT Security TPM 2.0(FIPS 140-2 level 2) HTTPS(SSL) Login Authentication Digest Login Authentication IP Address Filtering User access log 802.1X Authentication(EAP-TLS, EAP-LEAP, EAP-PEAP MSCHAPv2) Device Certificate(Hanwha Techwin Root CA, pre-installed) Secure by default certificate Secure OS/Boot/Storage, Verify firmware forgery ONVIF Profile S/G/T/M SUNAPI(HTTP API) Wisenet open platform General Webpage Language English, Korean, Chinese, French, Italian, Spanish, German, Japanese, Russian, Portuguese, Czech, Polish, Turkish, Dutch, Greek, Hungarian Edge Storage Micro SD/SDHC/SDXC 2slot Max. 1TB(512GB * 2) | Audio Compression | G.726(ADPCM) 8KHz, G.711 8KHz G.726: 16Kbps, 24Kbps, 32Kbps, 40Kbps |
| Streaming Unicast(20 users) / Multicast Multiple streaming(Up to 10 profiles, 3 virtual channel support) Protocol IPv4, IPv6, TCP/IP, UDP/IP, RTP(IDP), RTCP, RTCP, RTSP, NTP, HTTP, HTTPS, SSL/TLS, DHCP, FSMTP, IGMP, IGMP, ISMPv1/v2c/v3(MIB-2), ARP, DNS, DDNS, QoS, UPnP, Bonjour, LLDP, CDP, SRTP(TCP, UDP Unicast), MQTT Security TPM 2.0(FIPS 140-2 level 2) HTTPS(SSL) Login Authentication Digest Login Authentication IP Address Filtering User access log 802.1X Authentication(EAP-TLS, EAP-BEAP, EAP-BEAP MSCHAPv2) Device Certificate(Hanwha Techwin Root CA, pre-installed) Secure by default certificate Secure OS/Boot/Storage, Verify firmware forgery Application Programming Interface ONVIF Profile S/G/T/M SUNAPI(HTTP API) Wisenet open platform General Webpage Language English, Korean, Chinese, French, Italian, Spanish, German, Japanese, Russian, Portuguese, Czech, Polish, Turkish, Dutch, Greek, Hungarian Edge Storage Micro SD/SDHC/SDXC 2slot Max. 1TB(512GB * 2) | Smart Codec | Manual (5ea area), WiseStream II, WiseStream III (Based on AI engine) |
| Multiple streaming(Up to 10 profiles, 3 virtual channel support) Protocol | Bitrate Control | |
| SMTP, ICMP, IGMP, SNMPv1/v2c/v3(MIB-2), ARP, DNS, DDNS, QoS, UPnP, Bonjour, LLDP, CDP, SRTP(TCP, UDP Unicast), MQTT Security TPM 2.0(FIPS 140-2 level 2) HTTPS(SSL) Login Authentication Digest Login Authentication IP Address Filtering User access log 802.1X Authentication(EAP-TLS, EAP-LEAP, EAP-PEAP MSCHAPv2) Device Certificate(Hanwha Techwin Root CA, pre-installed) Secure by default certificate Secure OS/Boot/Storage, Verify firmware forgery Application Programming Interface ONVIF Profile S/G/T/M SUNAPI(HTTP API) Wisenet open platform General Webpage Language English, Korean, Chinese, French, Italian, Spanish, German, Japanese, Russian, Portuguese, Czech, Polish, Turkish, Dutch, Greek, Hungarian Edge Storage Micro SD/SDHC/SDXC 2slot Max. 1TB(512GB * 2) | Streaming | |
| HTTPS(SSL) Login Authentication Digest Login Authentication IP Address Filtering User access log 802.1X Authentication(EAP-TLS, EAP-LEAP, EAP-PEAP MSCHAPv2) Device Certificate(Hanwha Techwin Root CA, pre-installed) Secure by default certificate Secure OS/Boot/Storage, Verify firmware forgery Application Programming Interface ONVIF Profile S/G/T/M SUNAPI(HTTP API) Wisenet open platform General Webpage Language English, Korean, Chinese, French, Italian, Spanish, German, Japanese, Russian, Portuguese, Czech, Polish, Turkish, Dutch, Greek, Hungarian Edge Storage Micro SD/SDHC/SDXC 2slot Max. 1TB(512GB * 2) | Protocol | |
| SUNAPI(HTTP API) Wisenet open platform General Webpage Language English, Korean, Chinese, French, Italian, Spanish, German, Japanese, Russian, Portuguese, Czech, Polish, Turkish, Dutch, Greek, Hungarian Edge Storage Micro SD/SDHC/SDXC 2slot Max. 1TB(512GB * 2) | Security | HTTPS(SSL) Login Authentication Digest Login Authentication IP Address Filtering User access log 802.1X Authentication(EAP-TLS, EAP-LEAP, EAP-PEAP MSCHAPv2) Device Certificate(Hanwha Techwin Root CA, pre-installed) Secure by default certificate |
| Webpage Language English, Korean, Chinese, French, Italian, Spanish, German, Japanese, Russian, Portuguese, Czech, Polish, Turkish, Dutch, Greek, Hungarian Edge Storage Micro SD/SDHC/SDXC 2slot Max. 1TB(512GB * 2) | Application Programming Interface | SUNAPI(HTTP API) |
| Polish, Turkish, Dutch, Greek, Hungarian Edge Storage Micro SD/SDHC/SDXC 2slot Max. 1TB(512GB * 2) | General | |
| | Webpage Language | English, Korean, Chinese, French, Italian, Spanish, German, Japanese, Russian, Portuguese, Czech, Polish, Turkish, Dutch, Greek, Hungarian |
| | Edge Storage | Micro SD/SDHC/SDXC 2slot Max. 1TB(512GB * 2) |
| Memory 4GB RAM, 512MB Flash | Memory | 4GB RAM, 512MB Flash |

Design and specifications are subject to change without notice. The latest product information / specification can be found at HanwhaVision.com Hanwha Vision is formerly known as Hanwha Techwin.





| Operating Temperature / Humidity | -50°C~+55°C(-58°F~+131°F) NEMA TS 2(2.2.7.2): 74°C * Start up should be done at above -30°C 0~95%RH(non-condensing) Humidity control /w AIR vent |
|--|--|
| Storage Temperature / Humidity | -50°C~+60°C(-58°F~+140°F) / 0~90% RH |
| Certification | IP66/IP67, NEMA4X, IK10 |
| Input Voltage | PoE+(IEEE802.3at type2, Class4), 12VDC |
| Power Consumption | PoE+: Max 22.5W, typical 17.9W 12VDC: Max 20.0W, typical 15.6W Power redundancy failover |
| Mechanical | |
| Color / Material | White / Aluminum Hard-coated window |
| RAL Code | RAL9003 |
| Product Dimensions / Weight | ø93.4x298.4mm(ø3.68x11.75"), 2200g(4.85 lb) |
| Compatible Conduit hole / Gangbox | 19.1mm(3/4")(M25) single, double, 4" octagon, 4" square |
| Backbox | include |
| Certifications & Standards | |
| EMC | FCC 47 CFR 15 Subpart B Class A ICES-3(A)/NMB-3(A) CE/UKCA - EN 55032 Class A, EN 50130-4, EN 61000-3-2, EN 61000-3-3 VCCI CISPR 32 Class A RCM AS/NZS CISPR 32 Class A KS C 9832 Class A, KS C 9835 |
| Safety | UL 62368-1, CAN/CSA C22.2 NO. 62368-1 IEC/EN 62471 |
| Environment | IEC/EN 63000 IEC/EN 60529 IP66/IP67, IEC/EN 62262 IK10 NEMA TS 2-2013(2.2.7.2, 2.2.8, 2.2.9) NEMA 250 type 4X |
| DORI (EN62676-4 standard) | |
| Detect (25PPM/ 8PPF) | Wide: 51.7m(169.64ft) / Tele: 174.5m(572.64ft) |
| | |
| Observe (63PPM/ 19PPF) | Wide: 20.7m(67.85ft) / Tele: 69.8m(229.06ft) |
| Observe (63PPM/ 19PPF) Recognize (125PPM/ 38PPF) | Wide: 20.7m(67.85ft) / Tele: 69.8m(229.06ft) Wide: 10.3m(33.93ft) / Tele: 34.9m(114.53ft) |
| | |



XNO-9083R

4K AI IR Bullet Camera







CAD Unit:mm [inch]

