





XNP-C9253R

8MP 25x AI PTZ Camera











Key Features

- Max. 8MP resolution
- 5~125mm(25x) zoom (digital 32x, total 800x zoom)
- 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, WiseStream II
- IP66, IK10, NEMA4X, NEMA-TS 2 (2.2.8, 2.2.9)
- PTZ PLUS Design applied (Compact, Lighter, Simple cabling)



XNP-C9253R

8MP 25x AI PTZ Camera







Specifications

Video	
Imaging Device	1/2.8" CMOS
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) (@8MP Max. 5fps)
Min. Illumination	Color: 0.1Lux(F1.6, 1/30sec) BW: OLux(IR LED On)
Lens	
Focal Length (Zoom Ratio)	5~125mm(25x) zoom (digital 32x, total 800x zoom)
Max. Aperture Ratio	F1.6(Wide)~F3.73(Tele)
Angular Field of View	H: 57.42°(Wide)~2.71°(Tele) / V: 33.54°(Wide)~1.55°(Tele)
Min. Object Distance	5m(16.4ft)
Focus Control	Oneshot AF, Focus save
Lens Type	DC auto iris
Pan / Tilt / Rotate	
Pan Range	360° Endless
Pan Speed	Max. 700°/sec, Manual: 0.024°/sec~250°/sec
Tilt Range	110°(-20°~90°)
Tilt Speed	Max. 500°/sec, Manual: 0.024°/sec~250°/sec
Sequence	Preset(300ea), Swing, Group(6ea), Trace, Tour, Auto Run, Schedule
Preset Accuracy	Up to ±0.1°, 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(120dB)
Digital Noise Reduction	SSNRV
Digital Image Stabilization	Support(built-in gyro sensor)
Defog	Support
Motion Detection	8ea, 8point polygonal zones
Privacy Masking	32ea, Quadrangle Support - Color: Grey/Green/Red/Blue/Black/White - Mosaic
Gain Control	Manual / Max
White Balance	ATW /Narrow ATW /AWC /Manual /Indoor /Outdoor /Mercury /Sodium

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.





Electronic Shutter Speed Minimum / Maximum / Anti flicker (2-1/12,000sec) Video Rotation Flip, Minror Video Rotation Flip, Minror Video Rotation Flip, Minror Classified object type: Person/Face/Nehicle/License plate Attributes: Vehicle Tip securibus/trusdy/motorcycle/bis/cle Attributes: Vehicle Tip securibus/trusdy/motorcycle/bis/cle Attributes: Vehicle Tip securibus/trusdy/motorcycle/bis/cle Analytics seems based on A engine - Object detection, Virtual line/Crossing/Direction, Virtual areal/clering/Intrusion/Enter/Exit) Analytics seems and Securibus area (Appear/Disappear) - Algority Security NW (I/O Box) Alarm Events Alarm Events File Quebad via FTP and e-mail Notification via e-mail SUSSINC/SDXC or NNS recording at event triggers PTZ Preser Handover - Alarm Guestion NW (I/O Box) Reviewable Length Water Removal Support/Spinning dry) Auto Tracking Object auto tracking/Person/Vehicle, Target lock tracking Network Ethernet Metal shielded RJ - 45(10/100RASE-T) Video Compression H 265/H 264: Mail Session Hill Birtote Control Manual/Sec area, Wissestream III Birtote Control H 264/H 265 CBR or VER MJPEG-VER Streaming Usicast2D usery) / Multicast (128 user) Multiple streaming Up to 10 profiles) Protocol Protoco		
Analytics Classified object types-Person/Face/Netic/License plate Attributes: Vielical Propercy Instruct/motorcycle/Dicycle) Support DetectionShor Analytics events based on a dengine Object detection. Sund classification from the Neticol Property of Analytics events based on a dengine Object detection, Strutual inections. Analytics events and engine of Analytics events and engine object detection. Sund classification (with NW I/O Box) Alarm Triggers Analytics, Network disconnect. Analytics, Network analy	Electronic Shutter Speed	Minimum / Maximum / Anti flicker (2~1/12,000sec)
Attributes: Vehicle Typecar/bus/truck/motorcycle/bicycle) Support DecictionShot Analytics event based on Al angie - Object detection, Wintual anea(Lottering/Intrusion/Enter/Exit) - Object detection, Windined detection, Sample, Fog detection, Shock detection, Virtual anea(Appea/Disappear) - "Audio detection, Sound classification(with NW I/O Box) Alarm Triggers - Analytics, Nework disconners - "Alarm Injustiveth NW I/O Box) - Alarm Events - File upload vis FIP and —mail Notification via e-mail Sof/Self-(SDXC or NAS recording at event triggers - FIZ Preset - Handover - "Alarm output/with NW I/O Box) - Alarm Events - Province Analytics (SDX or NAS recording at event triggers - FIZ Preset - Handover - "Alarm output/with NW I/O Box) - Alarm output/with NW I/O Box - Province Analytics (SDX or NAS recording at event triggers - FIZ Preset - Handover - "Alarm output/with NW I/O Box) - Alarm output/with NW I/O Box - Province Analytics (SDX or NAS recording at event triggers - FIZ Preset - Handover - "Alarm output/with NW I/O Box) - Alarm Events - Province Analytics (SDX or NAS recording at event triggers - FIZ Preset - Handover - "Alarm output/with NW I/O Box) - Alarm Figer Box - Alarm output/with NW I/O Box - Province Analytics (SDX or NAS recording at event triggers - FIZ Preset - Handover - "Alarm output/with NW I/O Box - Province Analytics (SDX or NAS recording at event triggers - Province Analytics (SDX or NAS recording at event triggers - Province Analytics (SDX or NAS recording at event triggers - Province Analytics (SDX or NAS recording at event triggers - Province Analytics (SDX or NAS recording at event triggers - Province Analytics (SDX or NAS recording at event triggers - Province Analytics (SDX or NAS recording at event triggers - Province Analytics (SDX or NAS recording at event triggers - Province Analytics (SDX or NAS recording at event triggers - Province Analytics (SDX or NAS recording at event triggers - Province Analytics (SDX or NAS recording at event triggers - Province Analytics (SDX or NAS recordi	Video Rotation	Flip, Mirror
Alarm Input(with NW I/O Box) Alarm Events Block (CSDXC or HAS recording at event triggers PT72 Preset Handover Alarm output/vith NW I/O Box) Alarm Eventy Alarm output/vith NW I/O Box) Alarm Eventy Alarm output/vith NW I/O Box) Alarm Femoval Auto Tracking Object auto tracking(Person/Nehicle). Target lock tracking Network Ethernet Metal shielded RJ-45(10/1008ASE-T) Video Compression H. 265/H.264: Main/Basseline/High. MJPEG Smart Codec Manual(Sea area). WiseStream II Bitrate Control H. 265/H.264: Main/Basseline/High. MJPEG Streaming Unicast(20 users) / Multicast (128 user) Multiple streaming(Up to 10 profiles) Protocol JEP-4. IPVA: TCP/RP LUDP/IP. RTP(LUDP). RTCP_RTSP. NTP_HTTP, HTTPS, SSL/TLS, DHCP_FTP. STREAM SINGER SIN	Analytics	Attributes: Vehicle(Type:car/bus/truck/motorcycle/bicycle) Support DetectionShot Analytics events based on Al engine - Object detection, Virtual line(Crossing/Direction), Virtual area(Loitering/Intrusion/Enter/Exit) Analytics events - Defocus detection, Motion detection, Tampering, Fog detection, Shock detection, Virtual area(Appear/Disappear)
Notification via e-mail SD/SDMC/SDXC or NAS recording at event triggers PTZ Preset Handover	Alarm Triggers	
Water Removal Support(Spinning dry) 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(Sea 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 PP4 (Phy6. TCP/H. DubP)H. RTP(UDP), RTP(TCP), RTCP, RTCP, RTSP, NTP, HTTP, HTTPS, SSL/TLS, DHCP, FTP. SMTP. ICMP_IGMP_IGMP_IDMP_IRTP(UDP), ARP, DNS, DDNS, QoS, PIM-SM, UPnP, Bonjour, LLDP, SRTP NTCIP, MQTT Application Programming Interface Secure boot. Signed firmware, Firmware encryption User authentication Digest Authentication, Prevent brute-force attack Network authentication BO2.1X Authentication, Prevent brute-force attack Network authentication BO2.1X Authentication (EAP-TLS, EAP-LEAP, EAP-PEAP MSCHAPv2) Secure Communication HTTPS, SRTP, WSS(Web socket secure) Access Control IP address filtering Data Protect Authentication information encryption, ZIP compression encryption Audit User Access/System/Event log Device ID Device Certificate(Hanwha Techwin Root CA, pre-installed) Secure Storage TPM 2.0 with IPIS 140-2 level2 Security Certificate Security Certificate General Webpage Language English, Korean, Chinese, French, Italian, Spanish, German, Japanese, Russian, Portuguese, Czech, Polish, Turkish, Dutch, Hungarian, Greek	Alarm Events	Notification via e-mail SD/SDHC/SDXC or NAS recording at event triggers PTZ Preset Handover
Auto Tracking Object auto tracking (Person/Vehicle), Target lock tracking Network Ethernet Metal shielded RJ-45 (10/1008ASE-T) Video Compression H.265/H.264: Main/Baseline/High, MJPEG Smart Codec Manual (Sea 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 IP-4, IP-4, TCP/IP. UDP/IP. RTP (UDP), RTP (TCP), RTC.P.RTS.P. NTP. HTTP, SSI, TLS, DHCP, FTP, SMTP, ICMP, IGMP, SNMPV1/V2c/V3(MIB-2), ARP, DNS, DDNS, QoS, PIM-SM, UP-RP, Bonjour, LLDP, SRTE NTCP, MQTT Application Programming Interface Source boot, Signed firmware, Firmware encryption Security OS / Firmware Protect Secure boot, Signed firmware, Firmware encryption User authentication Digest Authentication, Prevent brute-force attack Network authentication 802.1X Authentication (EAP-TLS, EAP-LEAP, EAP-PEAP MSCHAPv2) Secure Communication HTTPS, SRTP, MSS (Web socket secure) Access Control IP address filtering Data Protect Authentication information encryption, ZIP compression encryption Audit User Access/System/Event log Device ID Device Certificate Hannwha Techwin Root CA, pre-installed) Secure Storage TPM 2.0 with FIPS 140-2 level2 Security Certificate English, Korean, Chinese, French, Italian, Spanish, German, Japanese, Russian, Portuguese, Czech, Polish, Turkish, Dutch, Hungarian, Greek	IR Viewable Length	200m(656.17ft), Wise IR
Network Ethernet Metal shielded RJ-45(10/100BASE-T) Video Compression H.265/H.264: Main/Baseline/High, MJPEG Smart Codec Manual(Sea 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, IPv4, TPv4, TCP/IP, UDP/IP, RTP(UDP), RTCP.RTSP, NTP, HTTP, HTTPS, SSL/TLS, DHCP, FTP, SMTP, ICMP, IGMF, SNMPv1/v2c/v3(MIB-2), ARP, DNS, DDNS, QoS, PIM-SM, UPnP, Bonjour, LLDP, SRT NTCIP, MQTT Application Programming Interface ONVIP Profile S/G/T SUMP(IHTP API) Wisenet open platform Security OS / Firmware Protect Secure boot, Signed firmware, Firmware encryption User authentication Digest Authentication, Prevent brute-force attack Network authentication 802.1X Authentication(EAP-TLS, EAP-LEAP, EAP-PEAP MSCHAPv2) Secure Communication HTTPS, SRTP, WSS(Web socket secure) Access Control IP address filtering Data Protect Authentication information encryption, ZIP compression encryption Audit User Access/System/Event log Device ID Device Certificate (Hanwha Techwin Root CA, pre-installed) Secure Storage TPM 2.0 with FIPS 140-2 level2 Security Certificate General Webpage Language English, Korean, Chinese, French, Italian, Spanish, German, Japanese, Russian, Portuguese, Czech, Polish, Turkish, Dutch, Hungarian, Greek Edge Storage Micro SD/SDHC/SDXC 2slot 1TB	Water Removal	Support(Spinning dry)
Ethernet Metal shielded R.J-45(10/100BASE-T) Video Compression H.265/H.264: Main/Baseline/High, MJPEG Smart Codec Manual(Sea area), WiseStream II Bitrate Control H.264/H.265: CBR or VBR MJPEG: VBR Streaming Unicast(20 users) / Multiple streaming(Up to 10 profiles) Protocol PP-4, IP-4, IP-4, IC-P/IP, UDP/IP, RTP(UDP), RTP(TCP), RTC, RTSP, NTP, HTTP, HTTPS, SSL/TLS, DHCP, FTP, MULTIP (SMP, SMMP-1/v2c/v3(MIB-2), ARP, DNS, DDNS, QoS, PIM-SM, UPnP, Bonjour, LLDP, SRTE NTCIP, MQTT Application Programming Interface ONVIF Profile S/G/T SUNAPI (HTP API) Wisenet open platform Security OS / Firmware Protect Secure boot, Signed firmware, Firmware encryption User authentication Digest Authentication, Prevent brute-force attack Network authentication 802.1X Authentication(EAP-TLS, EAP-LEAP, EAP-PEAP MSCHAPv2) Secure Communication HTTPS, SRTP, WSS(Web socket secure) Access Control IP address filtering Data Protect Authentication information encryption, ZIP compression encryption Audit User Access/System/Event log Device ID Device Certificate (Hanwha Techwin Root CA, pre-installed) Secure Storage TPM 2.0 with FIPS 140-2 level2 Security Certificate Secure by default General Webpage Language English, Korean, Chinese, French, Italian, Spanish, German, Japanese, Russian, Portuguese, Czech, Polish, Turkish, Dutch, Hungarian, Greek	Auto Tracking	Object auto tracking(Person/Vehicle), Target lock tracking
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 IP4A, IPVA, TCP/IP, UDP/IP, RTP(IUDP), RTP(TCP), RTCP,RTSP, NTP, HTTP, HTTPS, SSL/TLS, DHCP, FTP, NTCIP, MQTT Application Programming Interface ONVIE Profile S/G/T SMTP, ICMP, IGMP, SNMPv1/v2c/v3(MIB-2), ARP, DNS, DDNS, QoS, PIM-SM, UPNP, Bonjour, LLDP, SRTF, NTCIP, MQTT Application Programming Interface ONVIE Profile S/G/T SMTP, ICMP, IGMP, SNMPv1/v2c/v3(MIB-2), ARP, DNS, DDNS, QoS, PIM-SM, UPNP, Bonjour, LLDP, SRTF, NTCIP, MQTT Application Programming Interface Secure boot, Signed firmware, Firmware encryption Security Secure boot, Signed firmware, Firmware encryption User authentication Digest Authentication, Prevent brute-force attack Network authentication 802.1X Authentication (EAP-TLS, EAP-LEAP, EAP-PEAP MSCHAPv2) Secure Communication HTTPS, SRTP, WSS(Web socket secure) Access Control IP address filtering Data Protect Authentication information encryption, ZIP compression encryption Audit User Access/System/Event log Device Device Device Certificate(Hanwha Techwin Root CA, pre-installed) <	Network	
Smart Codec Manual(Sea 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 IPP4, IPv6, TCP/IP. UDP/IP. RTP(IDP), RTP(IDP), RTCP,RTSP. NTP. HTTP, HTTPS, SSL/TLS, DHCP, FTP, NTCIP, MQTT Application Programming Interface ONUF Profile S/G/T SUNAP(HTTP API) Wisenet open platform Security Secure boot. Signed firmware, Firmware encryption User authentication Digest Authentication, Prevent brute-force attack Network authentication 802.1X Authentication(EAP-TLS, EAP-LEAP, EAP-PEAP MSCHAPv2) Secure Communication HTTPS, SRTP, WSS(Web socket secure) Access Control IP address filtering Data Protect Authentication information encryption, ZIP compression encryption Audit User Access/System/Event log Device ID Device Certificate(Hanwha Techwin Root CA, pre-installed) Secure Storage TPM 2.0 with FIPS 140-2 level2 Secure by default General Webpage Language English, Korean, Chinese, French, Italian, Spanish, German, Japanese, Russian, Portuguese, Czech, Polish, Turkish, Dutch, Hungarian, Greek	Ethernet	Metal shielded RJ-45(10/100BASE-T)
Bitrate Control H.264/H.265: CBR or VBR MJPEG: VBR Streaming Unitast(20 users) / Multicast (128 user) Multiple streaming(Up to 10 profiles) Protocol Protocol Prot, IPV4, IPV6, TCP/IP, UDP/IP, RTP(UDP), RTP(TCP), RTCP,RTSP, NTP, HTTP, HTTPS, SSL/TLS, DHCP, FTP, SMTP, ICMP, IGMP, IGMP, ISMPV1/v2c/v3(MIB-2), ARP, DNS, DDNS, QoS, PIM-SM, UPnP, Bonjour, LLDP, SRTF NTCIP, MQTT Application Programming Interface ONVIF Profile S/G/T SUNAP/IHTTP API) Wisenet open platform Security OS / Firmware Protect Secure boot, Signed firmware, Firmware encryption User authentication Digest Authentication, Prevent brute-force attack Network authentication B02,1X Authentication(EAP-TLS, EAP-LEAP, EAP-PEAP MSCHAPv2) Secure Communication HTTPS, SRTP, WSS(Web socket secure) Access Control IP address filtering Data Protect Authentication information encryption, ZIP compression encryption Audit User Access/System/Event log Device Ctrificate(Hanwha Techwin Root CA, pre-installed) Secure Storage TPM 2.0 with FIPS 140-2 level2 Security Certificate Secure by default General Webpage Language English, Korean, Chinese, French, Italian, Spanish, German, Japanese, Russian, Portuguese, Czech, Polish, Turkish, Dutch, Hungarian, Greek Edge Storage Micro SD/SDHC/SDXC 2slot 1TB	Video Compression	H.265/H.264: Main/Baseline/High, MJPEG
Streaming Unicast(20 users) / Multicast (128 user) Multiple streaming(Up to 10 profiles) Protocol Pro	Smart Codec	Manual (5ea area), WiseStream II
Multiple streaming(Up to 10 profiles) Protocol	Bitrate Control	,
Application Programming Interface ONVIF Profile S/G/T SUNAPI(HTTP API) Wisenet open platform Security OS / Firmware Protect User authentication Secure boot, Signed firmware, Firmware encryption User authentication Digest Authentication, Prevent brute-force attack Network authentication B02.1X Authentication(EAP-TLS, EAP-LEAP, EAP-PEAP MSCHAPv2) Secure Communication HTTPS, SRTP, WSS(Web socket secure) Access Control IP address filtering Data Protect Authentication information encryption, ZIP compression encryption Audit User Access/System/Event log Device ID Device Certificate(Hanwha Techwin Root CA, pre-installed) Secure Storage TPM 2.0 with FIPS 140-2 level2 Security Certificate Secure by default General Webpage Language English, Korean, Chinese, French, Italian, Spanish, German, Japanese, Russian, Portuguese, Czech, Polish, Turkish, Dutch, Hungarian, Greek Edge Storage Micro SD/SDHC/SDXC 2slot 1TB	Streaming	
Security OS / Firmware Protect Secure boot. Signed firmware, Firmware encryption User authentication Digest Authentication, Prevent brute-force attack Network authentication 802.1X Authentication(EAP-TLS, EAP-LEAP, EAP-PEAP MSCHAPv2) Secure Communication HTTPS, SRTP, WSS(Web socket secure) Access Control IP address filtering Data Protect Authentication information encryption, ZIP compression encryption Audit User Access/System/Event log Device ID Device Certificate(Hanwha Techwin Root CA, pre-installed) Secure Storage TPM 2.0 with FIPS 140-2 level2 Security Certificate Secure by default General Webpage Language English, Korean, Chinese, French, Italian, Spanish, German, Japanese, Russian, Portuguese, Czech, Polish, Turkish, Dutch, Hungarian, Greek Edge Storage Micro SD/SDHC/SDXC 2slot 1TB	Protocol	SMTP, ICMP, IGMP, SNMPv1/v2c/v3(MIB-2), ARP, DNS, DDNS, QoS, PIM-SM, UPnP, Bonjour, LLDP, SRTP,
OS / Firmware Protect User authentication Digest Authentication, Prevent brute-force attack Network authentication 802.1X Authentication(EAP-TLS, EAP-LEAP, EAP-PEAP MSCHAPv2) Secure Communication HTTPS, SRTP, WSS(Web socket secure) Access Control IP address filtering Data Protect Authentication information encryption, ZIP compression encryption Audit User Access/System/Event log Device ID Device Certificate(Hanwha Techwin Root CA, pre-installed) Secure Storage TPM 2.0 with FIPS 140-2 level2 Security Certificate Secure by default General Webpage Language English, Korean, Chinese, French, Italian, Spanish, German, Japanese, Russian, Portuguese, Czech, Polish, Turkish, Dutch, Hungarian, Greek Edge Storage Micro SD/SDHC/SDXC 2slot 1TB	Application Programming Interface	SUNAPI(HTTP API)
User authentication Digest Authentication, Prevent brute-force attack Network authentication 802.1X Authentication(EAP-TLS, EAP-LEAP, EAP-PEAP MSCHAPv2) Secure Communication HTTPS, SRTP, WSS(Web socket secure) Access Control IP address filtering Data Protect Authentication information encryption, ZIP compression encryption Audit User Access/System/Event log Device ID Device Certificate(Hanwha Techwin Root CA, pre-installed) Secure Storage TPM 2.0 with FIPS 140-2 level2 Security Certificate Secure by default General Webpage Language English, Korean, Chinese, French, Italian, Spanish, German, Japanese, Russian, Portuguese, Czech, Polish, Turkish, Dutch, Hungarian, Greek Edge Storage Micro SD/SDHC/SDXC 2slot 1TB	Security	
Network authentication 802.1X Authentication(EAP-TLS, EAP-LEAP, EAP-PEAP MSCHAPv2) Secure Communication HTTPS, SRTP, WSS(Web socket secure) Access Control IP address filtering Data Protect Authentication information encryption, ZIP compression encryption Audit User Access/System/Event log Device ID Device Certificate(Hanwha Techwin Root CA, pre-installed) Secure Storage TPM 2.0 with FIPS 140-2 level2 Security Certificate Secure by default General Webpage Language English, Korean, Chinese, French, Italian, Spanish, German, Japanese, Russian, Portuguese, Czech, Polish, Turkish, Dutch, Hungarian, Greek Edge Storage Micro SD/SDHC/SDXC 2slot 1TB	OS / Firmware Protect	Secure boot, Signed firmware, Firmware encryption
Secure Communication HTTPS, SRTP, WSS(Web socket secure) Access Control IP address filtering Data Protect Authentication information encryption, ZIP compression encryption Audit User Access/System/Event log Device ID Device Certificate(Hanwha Techwin Root CA, pre-installed) Secure Storage TPM 2.0 with FIPS 140-2 level2 Security Certificate Secure by default General Webpage Language English, Korean, Chinese, French, Italian, Spanish, German, Japanese, Russian, Portuguese, Czech, Polish, Turkish, Dutch, Hungarian, Greek Edge Storage Micro SD/SDHC/SDXC 2slot 1TB	User authentication	Digest Authentication, Prevent brute-force attack
Access Control IP address filtering Data Protect Authentication information encryption, ZIP compression encryption Audit User Access/System/Event log Device ID Device Certificate(Hanwha Techwin Root CA, pre-installed) Secure Storage TPM 2.0 with FIPS 140-2 level2 Security Certificate Secure by default General Webpage Language English, Korean, Chinese, French, Italian, Spanish, German, Japanese, Russian, Portuguese, Czech, Polish, Turkish, Dutch, Hungarian, Greek Edge Storage Micro SD/SDHC/SDXC 2slot 1TB	Network authentication	802.1X Authentication(EAP-TLS, EAP-LEAP, EAP-PEAP MSCHAPv2)
Data Protect Authentication information encryption, ZIP compression encryption Audit User Access/System/Event log Device ID Device Certificate(Hanwha Techwin Root CA, pre-installed) Secure Storage TPM 2.0 with FIPS 140-2 level2 Security Certificate Secure by default General Webpage Language English, Korean, Chinese, French, Italian, Spanish, German, Japanese, Russian, Portuguese, Czech, Polish, Turkish, Dutch, Hungarian, Greek Edge Storage Micro SD/SDHC/SDXC 2slot 1TB	Secure Communication	HTTPS, SRTP, WSS(Web socket secure)
Audit User Access/System/Event log Device ID Device Certificate(Hanwha Techwin Root CA, pre-installed) Secure Storage TPM 2.0 with FIPS 140-2 level2 Security Certificate Secure by default General Webpage Language English, Korean, Chinese, French, Italian, Spanish, German, Japanese, Russian, Portuguese, Czech, Polish, Turkish, Dutch, Hungarian, Greek Edge Storage Micro SD/SDHC/SDXC 2slot 1TB	Access Control	IP address filtering
Device ID Device Certificate(Hanwha Techwin Root CA, pre-installed) Secure Storage TPM 2.0 with FIPS 140-2 level2 Security Certificate Secure by default General Webpage Language English, Korean, Chinese, French, Italian, Spanish, German, Japanese, Russian, Portuguese, Czech, Polish, Turkish, Dutch, Hungarian, Greek Edge Storage Micro SD/SDHC/SDXC 2slot 1TB	Data Protect	Authentication information encryption, ZIP compression encryption
Secure Storage TPM 2.0 with FIPS 140-2 level2 Security Certificate Secure by default General Webpage Language English, Korean, Chinese, French, Italian, Spanish, German, Japanese, Russian, Portuguese, Czech, Polish, Turkish, Dutch, Hungarian, Greek Edge Storage Micro SD/SDHC/SDXC 2slot 1TB	Audit	User Access/System/Event log
Security Certificate Secure by default General Webpage Language English, Korean, Chinese, French, Italian, Spanish, German, Japanese, Russian, Portuguese, Czech, Polish, Turkish, Dutch, Hungarian, Greek Edge Storage Micro SD/SDHC/SDXC 2slot 1TB	Device ID	Device Certificate(Hanwha Techwin Root CA, pre-installed)
General Webpage Language English, Korean, Chinese, French, Italian, Spanish, German, Japanese, Russian, Portuguese, Czech, Polish, Turkish, Dutch, Hungarian, Greek Edge Storage Micro SD/SDHC/SDXC 2slot 1TB	Secure Storage	TPM 2.0 with FIPS 140-2 level2
Webpage Language English, Korean, Chinese, French, Italian, Spanish, German, Japanese, Russian, Portuguese, Czech, Polish, Turkish, Dutch, Hungarian, Greek Edge Storage Micro SD/SDHC/SDXC 2slot 1TB	Security Certificate	Secure by default
Portuguese, Czech, Polish, Turkish, Dutch, Hungarian, Greek Edge Storage Micro SD/SDHC/SDXC 2slot 1TB	General	
	Webpage Language	
Memory 4GB RAM, 512MB Flash	Edge Storage	Micro SD/SDHC/SDXC 2slot 1TB
	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.



Environmental & Electrical	
Operating Temperature / Humidity	-40°C~+55°C(-40°F ~ +131°F) / +74°C(+165°F) (MAX) based on NEMA-TS 2(2.2.7) * Start up should be done at above -30°C 0~95% RH(Non-condensing)
Storage Temperature / Humidity	-50°C ~ +60°C(-58°F ~ +140°F) / 0~90% RH
Certification	IP66, IK10, NEMA4X, NEMA-TS 2(2.2.8, 2.2.9)
Input Voltage	HPoE(IEEE802.3bt, Class6, Type3, Injector included)
Power Consumption	Typical 24W, Max 40W
Mechanical	
Color / Material	Body : White / Aluminum Head : Black / Polycarbontate Hard-coated dome
RAL Code	White: RAL9003 / Black: RAL9005
Product Dimensions / Weight	ø158x293.3mm(6.22x11.55") / 3.2Kg(7.05lb)
DORI (EN62676-4 standard)	
Detect (25PPM/8PPF)	Wide: 140.2m(460.0ft) / Tele: 3246.9m(10652.4ft)
Observe (63PPM/ 19PPF)	Wide: 56.1m(184.0ft) / Tele: 1298.7m(4261.0ft)
Recognize (125PPM/ 38PPF)	Wide: 28.0m(92.0ft) / Tele: 649.4m(2130.5ft)
Identify (250PPM/ 76PPF)	Wide: 14.0m(46.0ft) / Tele: 324.7m(1065.2ft)



XNP-C9253R

8MP 25x AI PTZ Camera







CAD Unit:mm [inch]

