Hanwha Techwin

New Generation PTZ

4K
30X Zoom

Hanwha Techwin

4K/6MP/2MP

WISENET PTZ PLUS

XNP-9300RW/9250R/9250
XNP-8300RW/8250R/8250
XNP-6400RW/6400R/6400

- Clear images with up to 4K resolution, 40x, 30x, 25x optical zoom ratio
- Up to 200 meters of IR viewable length with Wise IR
- Enhanced preset with accuracy of ±0.1˚
- Quick Pan, Tilt correction (within 1 second)
- Built-in wiper, quick spin, and heater for the perfect water removal
- Easy and safe installation with compact and light-weighted camera body
- AI deep learning based object tracking (Target-lock tracking with right click)
- Wisenet7 SoC applied

Learn more about
PTZ PLUS

Hanwha-Security.com
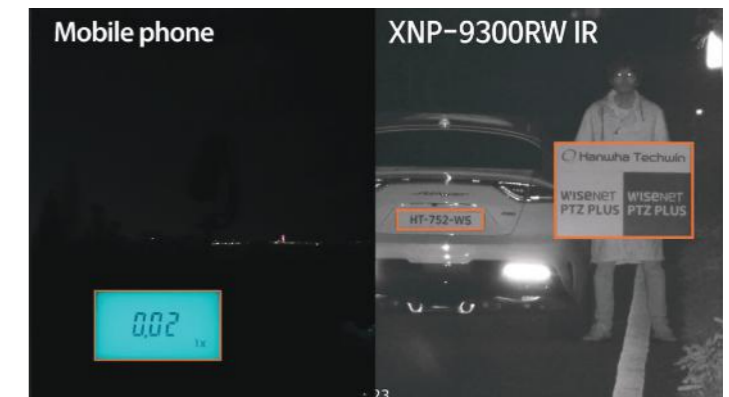
Diverse PTZ Lineup

Hanwha Techwin's PTZ product portfolio has been reinforced with the release of PTZ PLUS. Products with the resolutions ranging from 2MP and 6MP to up to 4K, and powerful optical zoom up to 55x are available. And the built-in wiper and IR add variety in portfolio as well. You can experience Hanwha Techwin's latest technology with the compact size 4K 30x, 2MP 40x PTZ cameras.

4K 30x, 25x Normal / IR / Wiper + IR

NEW

Wiper + IR   IR   Normal

6MP 30x, 25x Normal / IR / Wiper + IR

NEW

Wiper + IR   IR   Normal

2MP 40x Normal / IR / Wiper + IR

NEW

Wiper + IR   IR   Normal

2MP 55x, 37x, 32x

IR

Powerful Performance

Clear images both in dark and distant scenes with high resolution, high optical zoom and Wise IR

4K/6MP/2MP Wisenet PTZ PLUS offers the best PTZ experience with Hanwha Techwin's in-house developed 4K 30x optical lens and structure. Also the Wise IR which optimizes amount of IR coverage and zoom ratio allows vivid view up to 200 meters in complete dark scenes.

Wise IR   Wise IR
Wide   Wide
Mid   Mid
Tele   Tele

Mobile phone   XNP-9300RW IR

Accurate pre-set and quick Pan and Tilt correction

PTZ PLUS supports a pre-set accuracy ±0.1˚, and quickly resumes the original position within one second when an unintended distortion of Panning and tilting is detected.
Also, as PTZ cameras are often used for long distance monitoring with the extreme zoom, returning to its original position after Pan and Tilt movement is very important. Even a small error in returning to its original position can greatly affect the accuracy of zoom. PTZ PLUS resolves such issues and provides accurate preset with the accuracy of ±0.1˚.
When detecting the distortion of Panning and tilting, the camera resumes its original position within one second.

Accuracy of ±0.1˚

Quick correction in 1 sec.

AI-based Object Auto Tracking

PTZ PLUS utilizes AI algorithms to automatically designate people or vehicles for object tracking. They also allow users to manually target objects on screen for continuous tracking.

Auto Tracking

2-step perfect water removal

Since the PTZ cameras generally used outdoors, the lens can be affected by snow, rainwater, or dust and when they are adhered to the lens, they can limit the view.
PTZ PLUS uses built-in wiper to initially get rid of water or dust and then activates heater on the lens to dry remaining water and remove water perfectly. Models without built-in wiper quickly spin the camera body to remove water first, then dries remaining water with the heater. It minimizes impacts of external environments and secures clear and vivid images.

Models with built-in wiper
(XNP-9300RW/8300RW/6400RW)

Models without built-in wiper
(XNP-9250R/9250/8250R/8250/6400R/6400)

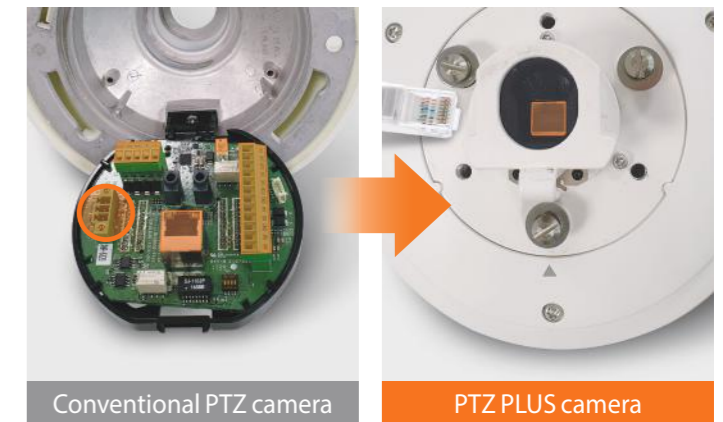| Step 1 – Wiper | Step 2 – Heater | Step 1 – Quick spin | Step 2 -Heater |

User Convenience

Weight and size reduced up to 65%, better performance, easier Installation

PTZ PLUS reduced the weight by up to 65% for the Dome type (For XNP-9250) and the size became more compact than conventional PTZ cameras. More compact and lighter design significantly reduce the burden of installation. Moreover, the lightened head increased the speed of Pan/Tilt.

7.1Kg, Ø237 x 408mm   3.5Kg, Ø158 x 293.3mm

5 to 1, easy cable connection making the perfect waterproof

PTZ PLUS is connected to a single RJ45 cable, supporting easy connection. Compared to conventional models which required 5 cables for the connection, the connection became so much simple. And this simple-1-cable structure and the Flexible bush secure the perfect waterproof without needs for extra waterproofing.

Conventional PTZ camera   PTZ PLUS camera
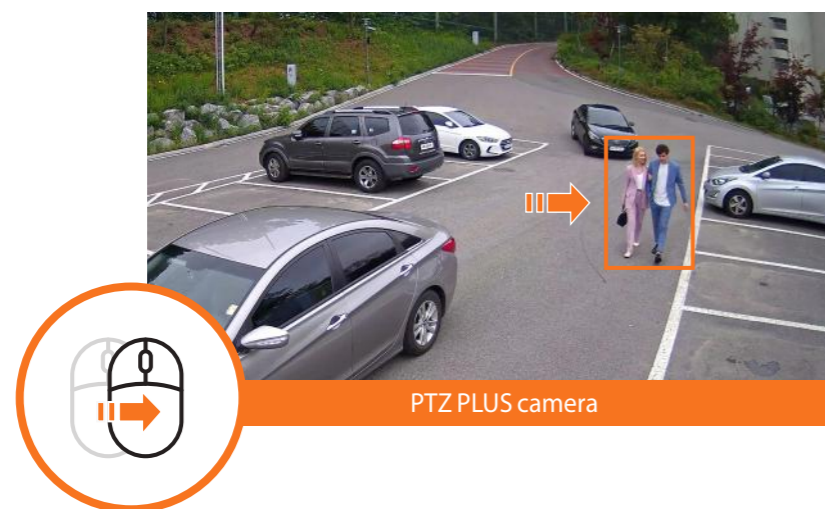
Quick and easy camera-mount installation

When connecting PTZ PLUS camera onto the mount, installers can simply match three joints and twist for the initial connection.
This allows installers work with both hands, and therefore, greatly improves work efficiency.

Improved features

Precise PTZ control

PTZ PLUS supports delicate and precise PTZ control. Conventional PTZ cameras had challenges in offering precise monitoring of moving objects due to its pre-set centered movement. PTZ PLUS provides stable object monitoring using precise PTZ control when a user wants to track moving objects manually.

PTZ PLUS camera

Widened Tilt angle

PTZ PLUS offers 110º (-20º ~ 90º) of Tilt angle, enabling effective monitoring of objects positioned above the camera level and objects in sloped environment.

-20º
110°
90º

Focus save function of up to 32 areas

Using focus save, the camera automatically sets focus when a camera moves to the user's predefined area.
The feature enables clear monitoring of an area of interest by quickly setting focus when an event occurs. Do not miss any event. (Can configure up to 32 areas)

PTZ PLUS lineup main Specification

	XNP-9300RW	XNP-8300RW	XNP-6400RW
	4K 30x Wiper + IR PTZ camera	6MP 30x Wiper + IR PTZ camera	2MP 40x Wiper + IR PTZ camera
Imaging Device	1/2.8" CMOS		
Resolution / Max. Frame Rate	3840x2160 / 30fps	3328x1872 / 30fps	1920x1080 / 60fps
Focal Length	5~150mm(30x) zoom		4.25~170mm(40x) zoom
Min. Illumination	Color : 0.1Lux (F1.6, 1/30sec) BW : 0Lux (IR LED On)		Color : 0.05Lux(F1.6, 1/30sec) BW : 0Lux(IR LED On)
IR Viewable Length	200m(656.17ft), Wise IR		
Pan / Tilt / Rotate	360˚ Endless / 110˚(-20˚~90˚)		
Pan Speed	Max. 500˚/sec, Manual: 0.024˚/sec~250˚/sec		
Tilt Speed	Max. 350˚/sec, Manual: 0.024˚/sec~250˚/sec		
Preset Accuracy	±0.1˚, Pan/Tilt correction		
Alarm / Audio	Compatible with NW I/O Box(optional)		
Edge Storage	Micro SD/SDHC/SDXC 2slot 1TB		
Operating Temperature / Humidity	-40℃~+60℃(-40℉ ~ +140℉) / Less than 95% RH(Non-condensing) Maximum Temperature based on NEMA-TS 2(2.2.7) : +74℃(+165℉)		
Certification	IP66, IK10(Camera body only), NEMA4X, NEMA-TS 2(2.2.8, 2.2.9)		IP66, IK10(Camera body only), NEMA4X
Power	HPoE : Typical 20W, Max 42W		
Dimensions (WxHxD) / Weight	Ø184.9x318.8mm(7.28x12.55") / 5.4Kg(11.90lb)		
Focus Control	Oneshot AF, Focus save		
Auto tracking	Object tracking (Human/Vehicle), Target lock tracking		
Cybersecurity	Basic + Device certificate (Hanwha Techwin Root CA) + Cyber security assuarance program UL CAP(UL 2900-1)		

WISENET

PTZ PLUS lineup
main specification

	XNP-9250R	XNP-8250R	XNP-6400R
	4K 25x IR PTZ camera	6MP 25x IR PTZ camera	2MP 40x IR PTZ camera
Imaging Device	1/2.8" CMOS		
Resolution / Max. Frame Rate	3840x2160 / 30fps	3328x1872 / 30fps	1944x1212 / 60fps
Focal Length	5~125mm(25x) zoom		4.25~170mm(40x) zoom
Min. Illumination	Color : 0.1Lux (F1.6, 1/30sec) BW : 0Lux (IR LED On)		Color : 0.05Lux(F1.6, 1/30sec) BW : 0Lux(IR LED On)
IR Viewable Length	200m(656.17ft), Wise IR		
Pan / Tilt / Rotate	360˚ Endless / 110˚(-20˚~90˚)		
Pan Speed	Max. 700˚/sec, Manual: 0.024˚/sec~250˚/sec		
Tilt Speed	Max. 500˚/sec, Manual: 0.024˚/sec~250˚/sec		
Preset Accuracy	Up to ±0.1˚, Pan/Tilt correction		
Digital Image Stabilization	Support		
Alarm / Audio	Compatible with NW I/O Box(optional)		
Edge Storage	Micro SD/SDHC/SDXC 2slot 1TB		
Operating Temperature / Humidity	-40℃~+60℃(-40℉ ~ +140℉) / Less than 95% RH(Non-condensing) Maximum Temperature based on NEMA-TS 2(2.2.7) : +74℃(+165℉)		
Certification	IP66, IK10, NEMA TS-2 (2.2.8, 2.2.9)		
Power	HPoE : Typical 20W, Max 40W		
Dimensions (WxHxD) / Weight	Ø158x293.3mm(6.22x11.55") / 3.2Kg(7.05lb)		
Focus Control	Oneshot AF, Focus save		
Auto tracking	Object tracking (Human/Vehicle), Target lock tracking		
Cybersecurity	Basic + Device certificate (Hanwha Techwin Root CA)		

	XNP-9250	XNP-8250	XNP-6400
	4K 25x PTZ camera	6MP 25x PTZ camera	2MP 40x PTZ camera
Imaging Device	1/2.8" CMOS		
Resolution / Max. Frame Rate	3840x2160 / 30fps	3328x1872 / 30fps	1944x1212 / 60fps
Focal Length	5~125mm(25x) zoom		4.25~170mm(40x) zoom
Min. Illumination	Color: 0.1Lux(F1.6, 1/30sec) BW: 0.01Lux(IR LED On)		Color: 0.05Lux(F1.6, 1/30sec) BW: 0.005Lux(IR LED On)
IR Viewable Length	200m(656.17ft), Wise IR		
Pan / Tilt / Rotate	360˚ Endless / 110˚(-20˚~90˚)		
Pan Speed	Max. 700˚/sec, Manual: 0.024˚/sec~250˚/sec		
Tilt Speed	Max. 500˚/sec, Manual: 0.024˚/sec~250˚/sec		
Preset Accuracy	Up to ±0.1˚, Pan/Tilt correction		
Digital Image Stabilization	Support		
Alarm / Audio	Compatible with NW I/O Box(optional)		
Edge Storage	Micro SD/SDHC/SDXC 2slot 1TB		
Operating Temperature / Humidity	-40℃~+60℃(-40℉ ~ +140℉) / Less than 95% RH(Non-condensing) Maximum Temperature based on NEMA-TS 2(2.2.7) : +74℃(+165℉)		
Certification	IP66, IK10, NEMA TS-2 (2.2.8, 2.2.9)		
Power	PoE+ : Typical 20W, Max 25W		
Dimensions (WxHxD) / Weight	Ø158x293.3mm(6.22x11.55") / 3.2Kg(7.05lb)		
Focus Control	Oneshot AF, Focus save		
Auto tracking	Object tracking (Human/Vehicle), Target lock tracking		
Cybersecurity	Basic + Device certificate (Hanwha Techwin Root CA)		

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