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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
- Al deep learning based object tracking (Target-lock tracking with right click)
- Wisenet7 SoC applied

New Generation PTZ





Learn more about **PTZ PLUS**



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.



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.



Accurate pre-set and quick Pan and Tilt correction

PTZ PLUS supports a pre-set accuracy ±0.1°, and Accuracy of ±0.1 guickly resumes the original position within **Quick correction** one second when an unintended distortion in 1 sec. of Panning and tilting is detected. Also, as PTZ cameras are often used for long distance monitoring with the extreme zoom, returning to its WISENET 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 $\pm 0.1^{\circ}$. When detecting the distortion of Panning and tilting, the camera resumes its original position within

one second.

4K/6MP/2MP PTZ Camera



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.



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)





Step 2 – Heater

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



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.

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.

Quick and easy camera-mount installation

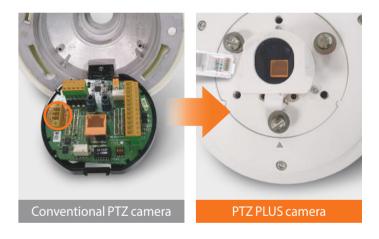
When connecting PTZ PLUS camera onto the mount, installers can simply match three joints and twist for the initial connection. This allows installers work with both hands, and therefore, greatly improves work efficiency.

4K/6MP/2MP PTZ Camera



7.1Kg, Ø237 x 408mm







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.



Widened Tilt angle

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



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 4K 30x Wiper + IR PTZ camera

	Imaging Device
3840x2160/30fps	Resolution / Max. Frame Rate
5~150mm(30x)	Focal Length
Color : 0.1Lux (F1.6, BW : 0Lux (IR LEI	Min. Illumination
	IR Viewable Length
	Pan/Tilt/Rotate
Max.5	Pan Speed
Max.3	Tilt Speed
	Preset Accuracy
Cor	Alarm / Audio
	Edge Storage
-40°C~+60°C(-40° Maximum Tempe	Operating Temperature / Humidity
IP66, IK10(Camera body only), NEMA	Certification
	Power
Ø184.92	Dimensions (WxHxD) / Weight
	Focus Control
Object trac	Auto tracking
Basic + Device certificate (Hanwha Tec	Cybersecurity

4K/6MP/2MP PTZ Camera



XNP-8300RW 6MP 30x Wiper + IR PTZ camera



XNP-6400RW

2MP 40x Wiper + IR PTZ camera

1/2.8" CMOS

3328x1872/30fps

1920x1080/60fps

) zoom

4.25~170mm(40x) zoom

Color: 0.05Lux(F1.6, 1/30sec)

BW:0Lux(IR LED On)

5, 1/30sec) ED On)

200m(656.17ft), Wise IR

360° Endless / 110°(-20°~90°)

500°/sec, Manual: 0.024°/sec~250°/sec

350°/sec, Manual: 0.024°/sec~250°/sec

±0.1°, Pan/Tilt correction

ompatible with NW I/O Box(optional)

Micro SD/SDHC/SDXC 2slot 1TB

 $PF \sim +140^{\circ}F$ / Less than 95% RH(Non-condensing) erature based on NEMA-TS 2(2.2.7) : +74°C(+165°F)

A4X, NEMA-TS 2(2.2.8, 2.2.9)

IP66, IK10(Camera body only), NEMA4X

HPoE: Typical 20W, Max 42W

9x318.8mm(7.28x12.55")/5.4Kg(11.90lb)

Oneshot AF, Focus save

cking (Human/Vehicle), Target lock tracking

chwin Root CA) + Cyber security assuarance program UL CAP(UL 2900-1)

WISENET

PTZ PLUS lineup main specification

Cybersecurity



XNP-9250R 4K25xIRPTZ camera



XNP-8250R 6MP 25x IR PTZ camera



XNP-6400R 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~		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 $\pm 0.1^{\circ}$, 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°C~+60°C(-40°F ~ +140°F) / Less than 95% RH(Non-condensing) Maximum Temperature based on NEMA-TS 2(2.2.7) : +74°C(+165°F)		
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		



XNP-9250 4K 25x PTZ camera

	Imaging Device
3840x2160 / 30fps	Resolution / Max. Frame Rate
5~125mm(25x)2	Focal Length
Color: 0.1Lux(F1.6, BW: 0.01Lux(IR LE	Min. Illumination
	IR Viewable Length
	Pan/Tilt/Rotate
Max. 7	Pan Speed
Max.5	Tilt Speed
	Preset Accuracy
	Digital Image Stabilization
Con	Alarm / Audio
I	Edge Storage
-40°C~+60°C(-40° Maximum Tempe	Operating Temperature / Humidity
IF	Certification
	Power
Ø158x	Dimensions (WxHxD) / Weight
	Focus Control
Object trac	Auto tracking
Basic + Devic	Cybersecurity

Basic + Device certificate (Hanwha Techwin Root CA)

4K/6MP/2MP PTZ Camera



XNP-8250 6MP 25x PTZ camera

XNP-6400 2MP 40x PTZ camera

1/2.8" CMOS

3328x1872/30fps

1944x1212/60fps

4.25~170mm(40x) zoom

) zoom

Color: 0.05Lux(F1.6, 1/30sec) BW: 0.005Lux(IR LED On)

, 1/30sec) _ED On)

200m(656.17ft), Wise IR

360° Endless / 110°(-20°~90°)

700°/sec, Manual: 0.024°/sec~250°/sec

500°/sec, Manual: 0.024°/sec~250°/sec

Up to $\pm 0.1^{\circ}$, Pan/Tilt correction

Support

ompatible with NW I/O Box(optional)

Micro SD/SDHC/SDXC 2slot 1TB

 $PF \sim +140^{\circ}F$ / Less than 95% RH(Non-condensing) erature based on NEMA-TS 2(2.2.7) : +74°C(+165°F)

IP66, IK10, NEMA TS-2 (2.2.8, 2.2.9)

PoE+: Typical 20W, Max 25W

3x293.3mm(6.22x11.55") / 3.2Kg(7.05lb)

Oneshot AF, Focus save

cking (Human/Vehicle), Target lock tracking

ice certificate (Hanwha Techwin Root CA)

MEMO

MEMO

4K/6MP/2MP PTZ Camera