

Network PTZ

XNP-6120HW

2MP 12X PTZ

Key Features

- Wisenet X powered by Wisenet 5 network outdoor PTZ camera
- 2MP, Full HD (1080p) @ 60fps
- 12X optical zoom lens (5.2mm ~ 62.4mm) (54.58º ~ 5.30º)
- Pan: 360° endless; Tilt: -5° ~ 185°
- Triple codec H.265/H.264/MJPEG with WiseStream II technology
- 150dB WDR
- USB port for easy installation
- Advanced video analytics and sound classification
- True Day/Night (D/N)
- Built-in SD card slot (1x256GB)
- HLC, defog detection
- DIS (Gyro)
- 12VDC/PoE
- IP66, IK10
- Operating temperature: -22°F ~ 131°F
- White color

Design and specifications are subject to change without notice. The latest product information / specification can be found at HanwhaVision.com
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Specifications

Video

Imaging Device	Size	1/2.8"
	Type	CMOS
Resolution		1920x1080, 1280x1024, 1280x960, 1280x720, 1024x768, 800x600, 800x448, 720x576, 720x480, 640x480, 640x360, 320x240
Max. Framerate	H.265/H.264	60fps/50fps(60Hz/50Hz)
	MJPEG	30fps
Min. Illumination (Lux)	Color(1/30sec, 30IRE)	0.03
	BW(1/30sec, 30IRE)	0.003
Video Out		CVBS: 1.0 Vp-p / 75Ω composite for installation, USB: Micro USB Type B. Preview and installation ONLY. Requires WiFi dongle.

Lens

Focal Length (mm)		5.2~62.4
Zoom Ratio	Optical	12x
	Digital	32x
Max Aperture Ratio (F number)	Wide	1.6
	Tele	3.0
Angular Field of View	Horizontal	54.58°~5.30°
	Vertical	32.19°~3.00°
Min. Object Distance		1.5m(4.92ft)
Focus Control		Auto, Manual, Oneshot AF
Lens Type		DC auto iris

Pan / Tilt / Rotate

Pan / Tilt / Rotate Range	Pan	360° Endless
	Tilt	-5°~185°
Pan Speed	Preset	Max. 350°/sec
	Manual	0.024°/sec~200°/sec
Tilt Speed	Preset	Max. 350°/sec
	Manual	0.024°/sec~200°/sec

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Pan / Tilt / Rotate

Sequence	Preset(300ea), Swing, Group(6ea), Trace, Tour, Auto Run, Schedule
Preset Accuracy	±0.2°

Operational

Direction Indicator		Support
Day & Night		Auto(ICR)
Backlight Compensation		BLC, HLC, WDR, SSDR
Wide Dynamic Range (dB)		150
Digital Noise Reduction		SSNR V
Digital Image Stabilization		Support(built-in gyro sensor)
Defog		Support
Motion Detection	Quantity	8ea
	Shape	8point Polygonal zones
Privacy Masking	Quantity	32ea
	Shape	4point Quadrangle zones
	Color / Option	Gray, Green, Red, Blue, Black, White, Mosaic
Gain Control		Low, Middle, High
White Balance		ATW, AWC, Manual, Indoor, Outdoor
Electronic Shutter	Mode	Minimum, Maximum, Anti flicker
	Speed Range	2~1/12,000sec
Video Rotation		Flip, Mirror
Serial Interface		RS-485(Samsung-T, Pelco-D/P, Panasonic, Bosch, AD, GE, Vicon, Honeywell)
Alarm Interface	In/Out	Input 1ea, Output 1ea
Alarm Triggers		Analytics, Network disconnect, Alarm input
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, Handover: PTZ preset
Audio In		Selectable(mic in/line in)
Audio Out		Line out
Auto Tracking		Support

Analytics

Analytics Events	Normal	Motion detection, Tampering, Fog detection, Face detection, Audio detection, Sound classification, Virtual area(Lotering, Intrusion, Enter/Exit, Appear/Disappear), Virtual line(Crossing, Direction)

Network

Ethernet	RJ-45(10/100BASE-T)
Video Compression	H.265: Main, H.264: Main/High,MJPEG

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Network

Audio Compression		G.711 u-law /G.726 selectable,G.726(ADPCM) 8kHz,G.711 8kHz, G.726: 16kbps,24kbps,32kbps,40kbps, AAC-LC: 48kbps at 16kHz
Smart Codec		Manual, WiseStream II
Bitrate Control		H.265/H.264: CBR or VBR, MJPEG: VBR
Streaming	Unicast	Up to 20 users
	Multicast	Support
	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, IGMPv2, SNMPv1/v2c/v3(MIB-2), ARP, DNS, DDNS, QoS, UPnP, Bonjour, LLDP, SRTP(TCP, UDP Unicast), NTCIP 1205
Application Programming Interface	ONVIF	S, G, T
	Others	SUNAPI(HTTP API), Hanwha Vision Open Platform
Direct Cloud Connection		Optional (needs gateway)

General

Memory	RAM	1GB
	Flash	256MB
Edge Storage	Micro SD/SDHC/SDXC	Max. 256GB x 2slot(Total 512GB)

Environmental & Electrical

Operating Condition	Temperature	-30°C~+55°C(-22°F~+131°F)
	Humidity	0~90% RH(non-condensing)
Storage Condition	Temperature	-30°C~+60°C(-22°F~+140°F)
	Humidity	0~90% RH(non-condensing)
Wind Load		Nopn
Input Voltage		PoE(IEEE802.3af, Class3), 12VDC
Power Consumption	PoE	Max. 12W
	12VDC	Max. 12W

Mechanical

Color	White
Material	Aluminum
RAL Code	RAL9003
Product Dimensions	ø168x161.5mm(6.61x6.36")
Product Weight	1,900g(4.19 lb)

DORI (EN62676-4 standard)

Detect (25PPM/ 8PPF)	Wide	74.4m(244.2ft)
	Tele	829.7m(2722ft)

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DORI (EN62676-4 standard)

Observe (63PPM/ 19PPF)	Wide	29.8m(97.7ft)
	Tele	331.9m(1088.8ft)
Recognize (125PPM/ 38PPF)	Wide	14.9m(48.8ft)
	Tele	165.9m(544.4ft)
Identify (250PPM/ 76PPF)	Wide	7.4m(24.4ft)
	Tele	83.0m(272.2ft)

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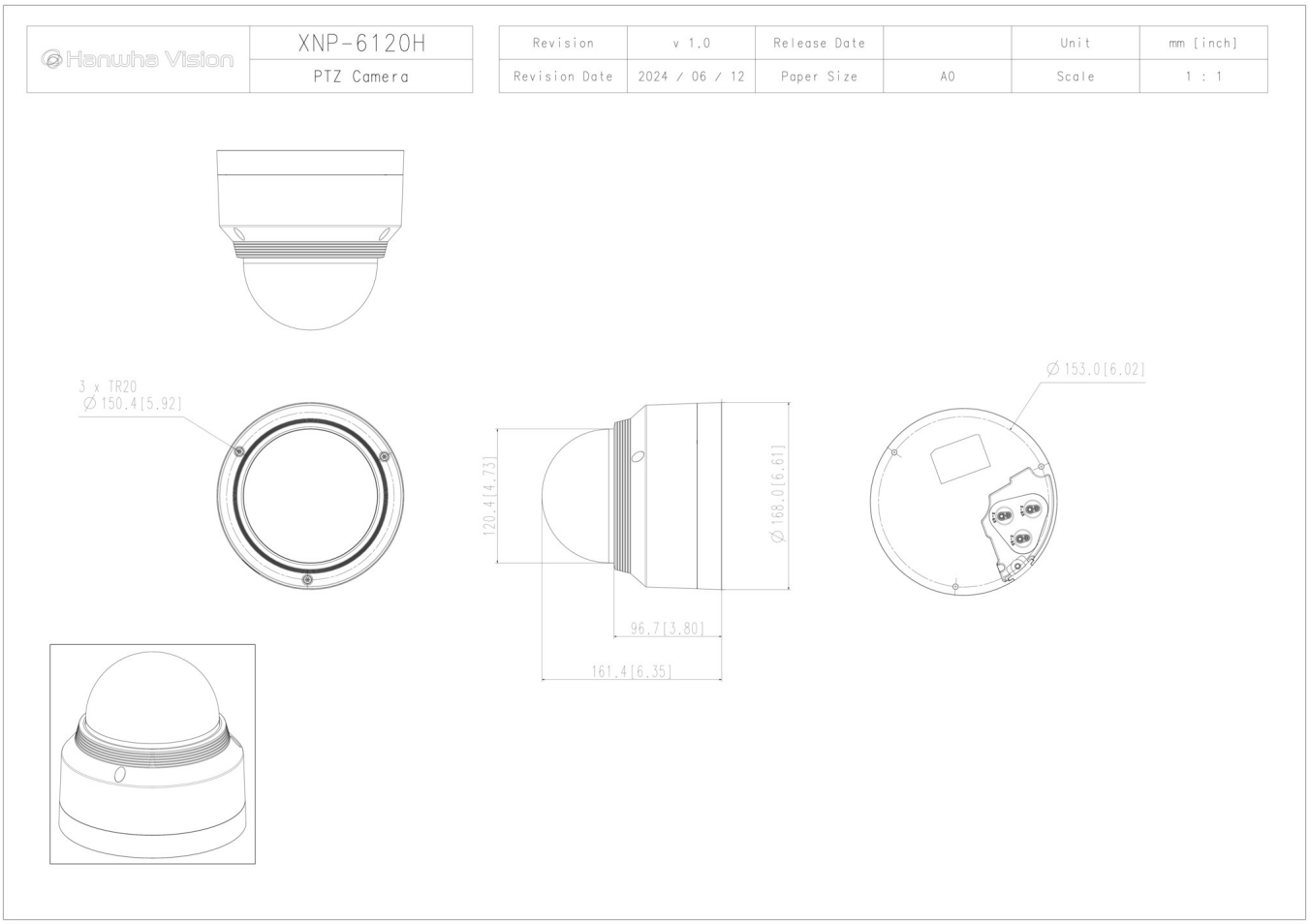
CAD

Unit: mm [inch]



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