Hanwha Vision



Network PTZ

XNP-6120H

2M H.265 12x PTZ Camera

Key Features

- Max. 2Megapixel (1920 x 1080) resolution
- 16 : 9 Full HD (1080p) resolution support
- 5.2 ~ 62.4mm (12x) optical zoom, 32x digital zoom
- H.265, H.264, MJPEG codec support, Multiple streaming
- Day & Night (ICR), WDR (150dB), Intelligent video analytics
- SD/SDHC/SDXC memory slot (Max.512GB)
- IP66, IK10, Bi-directional audio support

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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	Ivory
Material	Aluminum
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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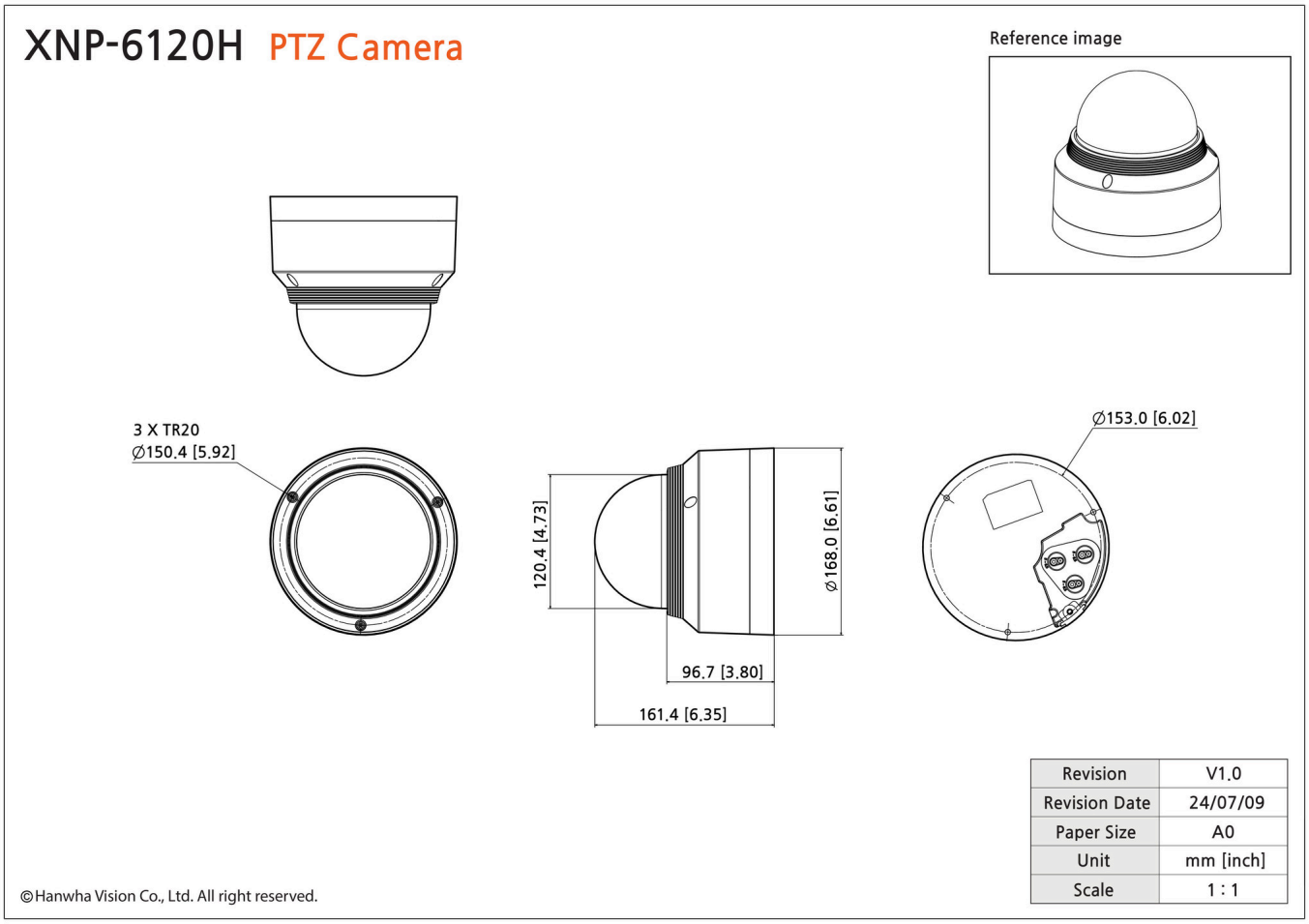
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CAD

Unit: mm [inch]



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