

Network PTZ

XNP-6550RH

2M H.265 55x IR PTZ Camera

Key Features

- Max. 2Megapixel (1920 x 1080) resolution
- 4.75 ~ 261.4mm (Optical 55x) lens
- Day & Night (ICR), WDR (120dB)
- DIS with built-in gyro sensor
- Max. IR viewable length : 500m
- H.265, H.264, MJPEG codec support
- Multiple streaming, WiseStream II support
- Intelligent Video / Audio Analytics, Defog (Optical)
- microSD/SDHC/SDXC memory 2 slots (Up to 512 GB)
- IP66, IK10

*Available in Hanwha Techwin Middle east and Africa Only - XNP-6550RH/KME

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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)	0.02
	BW(1/30sec, 30IRE)	0.002
Video Out		CVBS: 1.0 Vp-p / 75Ω composite for installation

Lens

Focal Length (mm)		4.75~261.4
Zoom Ratio	Optical	55x
Max Aperture Ratio (F number)	Wide	1.6
	Tele	6.5
Angular Field of View	Horizontal	58.6°~1.23°
	Vertical	34.8°~0.71°
Min. Object Distance		5m(16.40ft)
Focus Control		Auto, Manual, Oneshot AF
Lens Type		DC auto iris

Pan / Tilt / Rotate

Pan / Tilt / Rotate Range	Pan	0°~360°
	Tilt	-5°~90°
Pan Speed	Preset	Max. 400°/sec
	Manual	0.024°/sec~250°/sec
Tilt Speed	Preset	Max. 250°/sec
	Manual	0.024°/sec~250°/sec
Sequence		Preset(300ea), Swing, Group(6ea), Trace, Tour, Auto Run, Schedule
Preset Accuracy		±0.2°

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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	Rectangular 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 4ea / Output 2ea
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
Light Type		IR LED
Light Viewable Length	IR	500m(1,640.42ft)
IR Wavelength		850nm
Auto Tracking		Support

Analytics

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

Network

Ethernet	SFP, RJ-45(10/100BASE-T)
Video Compression	H.265: Main, H.264: Main/Baseline/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
	Others	SUNAPI(HTTP API), Hanwha Vision Open Platform

Security

User authentication	Digest authentication
Network authentication	IEEE 802.1X(EAP-TLS, EAP-LEAP)
Secure Communication	HTTPS, SRTP
Access Control	IP-based access control
Audit	Access / System / Event Log management

General

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

Environmental & Electrical

Operating Condition	Temperature	AC24: -50°C~+55°C(-58°F~+131°F) / HPoE: -40°C~+55°C(-22°F~+131°F)
	Humidity	0~95% RH(non-condensing)
Storage Condition	Temperature	-50°C~+60°C(-58°F~+140°F)
	Humidity	0~90% RH(non-condensing)
Input Voltage		PoE++(IEEE802.3bt type4, Class7), 24VAC
Power Consumption	PoE	Max. 60W, typical : 30W
	24VAC	Max. 92W, typical : 30W

Mechanical

Color	Ivory, Black
Material	Aluminum, Plastic
Product Dimensions	ø236.9x407.7mm(9.33x16.05")
Product Weight	7.1Kg(15.65lb)

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Certifications & Standards

Environment	IEC 60529 IP66, IEC 62262 IK10

DORI (EN62676-4 standard)

Detect (25PPM/ 8PPF)	Wide	68.4m(224.5ft)
	Tele	3577.4m(11736.7ft)
Observe (63PPM/ 19PPF)	Wide	27.4m(89.8ft)
	Tele	1430.9m(4694.7ft)
Recognize (125PPM/ 38PPF)	Wide	13.7m(44.9ft)
	Tele	715.5m(2347.3ft)
Identify (250PPM/ 76PPF)	Wide	6.8m(22.5ft)
	Tele	357.7m(1173.7ft)

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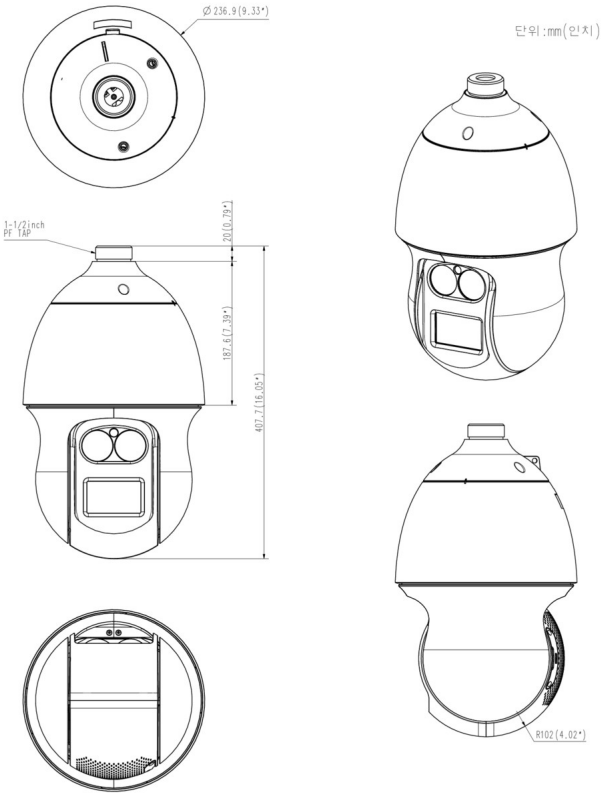
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CAD

Unit: mm [inch]



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Compatible Devices



SBP-300PM



SBP-300KM



SBP-300LM



SBP-390WM2



SBP-300WM1



SBP-300CM



SBP-300WM



SBP-303HF



SBP-300NB



SBP-300B

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