



Network

PTZ

## QNP-6320HS

2MP H.265 Stainless 32x PTZ Camera



### Key Features

- Maximum 2MP (1920 x 1080) resolution
- 4.44 ~ 142.6 (32x) optical zoom
- H.265, H.264, MJPEG codec support, Multiple streaming
- WiseStreamII, Day & Night (ICR), WDR(120dB)
- Directional detection, Tampering, Motion detection
- Audio detection, Digital auto tracking
- Micro SD/SDHC/SDXC 1slot 256GB
- IP66/IP67, IK10, NEMA4X, PoE, Material: SUS316L

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## Specifications

### Video

Imaging Device	1/2.8" CMOS
Resolution	1920x1080, 1280x1024, 1280x960, 1280x720, 1024x768, 800x600, 800x448, 720x576, 720x480, 640x480, 640x360, 320x240
Max. Framerate	H.265/H.264: Max. 60fps/50fps(60Hz/50Hz) MJPEG: Max. 30fps/25fps(60Hz/50Hz)
Min. Illumination	Color: 0.05Lux(F1.6, 1/30sec) BW: 0.005Lux(F1.6, 1/30sec)

### Lens

Focal Length (Zoom Ratio)	4.44~142.6mm(32x) zoom
Max. Aperture Ratio	F1.6(Wide)~F4.4(Tele)
Angular Field of View	H: 64.66(Wide)~2.29(Tele) / V: 38.08(Wide)~1.30(Tele)
Min. Object Distance	Wide: 1.5m(4.92ft), Tele: 2m(6.56ft)
Focus Control	Oneshot AF
Lens Type	DC auto iris

### Pan / Tilt / Rotate

Pan Range	360 Endless
Pan Speed	Preset: 700/sec, Manual: 0.024/sec~200/sec
Tilt Range	105(-15~90)
Tilt Speed	Preset: 300/sec, Manual: 0.024/sec~200/sec
Sequence	Preset(300ea), Swing, Group(6ea), Trace, Tour, Auto Run, Schedule
Preset Accuracy	±0.2

### Operational

Camera Title	Displayed up to 85 characters
Direction Indicator	Support
Day & Night	Auto(ICR)
Backlight Compensation	BLC, HLC, WDR, SSSR
Wide Dynamic Range	120dB
Digital Noise Reduction	SSNR V
Digital Image Stabilization	Support(built-in gyro sensor)
Defog	Support
Motion Detection	8ea, 8point polygonal zones
Privacy Masking	32ea, Quadrangle Support - Color: Grey/Green/Red/Blue/Black/White - Solid/Mosaic
Gain Control	OFF/ LOW/ MID/ HIGH
White Balance	ATW / AWC / Manual / Indoor / Outdoor / Mercury / Sodium
Electronic Shutter Speed	Minimum / Maximum / Anti flicker (2~1/12,000sec)
Video Rotation	Flip, Mirror
Analytics	Directional detection, Motion detection, Enter/Exit, Tampering, Virtual line * Audio detection(with NW I/O Box)
Alarm Triggers	Analytics, Network disconnect * Alarm input(with NW I/O Box)

<b>Alarm Events</b>	File upload via FTP and e-mail Notification via e-mail SD/SDHC/SDXC or NAS recording at event triggers PTZ Preset Handover * Alarm output(with NW I/O Box)
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## Network

<b>Ethernet</b>	RJ-45(10/100BASE-T)
<b>Video Compression</b>	H.265/H.264,MJPEG
<b>Smart Codec</b>	Manual(Sea area), WiseStream II
<b>Bitrate Control</b>	H.264/H.265: CBR or VBR MJPEG: VBR
<b>Streaming</b>	Unicast(20 users) / Multicast (128 user) Multiple streaming(Up to 10 profiles)
<b>Protocol</b>	IPv4, IPv6, TCP/IP, UDP/IP, RTP(UDP), RTP(TCP), RTCP,RTSP, NTP, HTTP, HTTPS, SSL/TLS, DHCP, FTP, SMTP, ICMP, IGMP, SNMPv1/v2c/v3(MIB-2), ARP, DNS, DDNS, QoS, PIM-SM, UPnP, Bonjour, LLDP, SRTT
<b>Security</b>	HTTPS(SSL) Login Authentication Digest Login Authentication IP Address Filtering User access log 802.1X Authentication(EAP-TLS, EAP-LEAP)
<b>Application Programming Interface</b>	ONVIF Profile S/G/T SUNAPI(HTTP API) Wisenet open platform

## General

<b>Webpage Language</b>	English, Korean, Chinese, French, Italian, Spanish, German, Japanese, Russian, Swedish, Portuguese, Czech, Polish, Turkish, Dutch, Hungarian, Greek
<b>Edge Storage</b>	Micro SD/SDHC/SDXC 1slot 256GB
<b>Memory</b>	1024MB RAM, 256MB Flash

## Environmental & Electrical

<b>Operating Temperature / Humidity</b>	Normal : -35°C~+55°(-31°F ~ +131°F) / * Start up should be done at above -25°C Less than 95% RH(Non-condensing)
<b>Storage Temperature / Humidity</b>	-50°C~+60°C (-58°F~+140°F) / Less than 90% RH(Non-condensing)
<b>Certification</b>	IP66/IP67, IK10, NEMA4X
<b>Input Voltage</b>	PoE+(IEEE802.3at, Class4)
<b>Power Consumption</b>	Max. 23W, Typ. 14W

## Mechanical

<b>Color / Material</b>	Silver / Stainless(SUS316L)
<b>Product Dimensions / Weight</b>	Ø227x299.2mm(8.94x11.78"), 5.4 kg(11.93 lb)

## DORI (EN62676-4 standard)

<b>Detect (25PPM/ 8PPF)</b>	Wide: 60.7m(199.1ft) / Tele: 1921.3m(6303.4ft)
<b>Observe (63PPM/ 19PPF)</b>	Wide: 24.3m(79.6ft) / Tele: 768.5m(2521.4ft)
<b>Recognize (125PPM/ 38PPF)</b>	Wide: 12.1m(39.8ft) / Tele: 384.3m(1260.7ft)
<b>Identify (250PPM/ 76PPF)</b>	Wide: 6.1m(19.9ft) / Tele: 192.1m(630.3ft)

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Unit: mm [inch]

CAD

