



Network

PTZ

QNP-6320

2MP PTZ Camera



Key Features

- Max. 2MP resolution
- 4.44~142.6mm (32x) lens
- Day & Night (ICR), WDR, DIS (Built-in gyro sensor)
- Intelligent Analytics
- H.264, H.265, MJPEG codec, WiseStreamII
- Micro SD/SDHC/SDXC 1slot 256GB

Compatible Accessories (Optional)



SHP-1520FW



SBP-301HMW3

QNP-6320

2MP PTZ Camera



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, 30IRE) BW: 0.005Lux(F1.6, 1/30sec, 30IRE) |
| Lens | |
| Focal Length (Zoom Ratio) | 4.44~142.6mm(32x) zoom (digital 32x, total 1024x zoom) |
| Optical Zoom | 32x |
| 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, Focus save |
| 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°(90°~-15°) |
| 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, SSSDR |
| 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, 4point quadrangle zones - Color: Grey/Green/Red/Blue/Black/White - Solid/Mosaic |

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

Hanwha Vision is formerly known as Hanwha Techwin.

| | |
|--------------------------|--|
| Gain Control | Off / Max gain / Manual |
| 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 | Analytics events - Directional detection, Motion detection, Enter/Exit, Tampering, Virtual line, Audio detection |
| Alarm I/O | 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, Send message by HTTP/HTTPS/TCP) |
| Audio In | Selectable(mic in/line in) Supply voltage: 2.5VDC(4mA), Input impedance: 2K Ohm |
| Audio Out | Line out, Max.output level: 1Vrms |
| Auto Tracking | Support |

Network

| | |
|-----------------------------------|--|
| Ethernet | RJ-45(10/100BASE-T) |
| Video Compression | H.265/H.264: Main/High, MJPEG |
| 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(5ea area), WiseStream II |
| Bitrate Control | H.264/H.265: CBR or VBR MJPEG: VBR |
| Streaming | Unicast(20 users) / Multicast 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, IGMP, SNMPv1/v2c/v3(MIB-2), ARP, DNS, DDNS, QoS, UPnP, Bonjour, LLDP, SRTP (TCP, UDP Unicast), NTCIP1205 |
| Application Programming Interface | ONVIF Profile S/G/T SUNAPI(HTTP API) Wisenet open platform |

Security

| | |
|------------------------|---|
| OS / Firmware Protect | Firmware encryption |
| User authentication | Digest Authentication, Prevent brute-force attack |
| Network authentication | 802.1X Authentication(EAP-TLS, EAP-LEAP, EAP-PEAP MSCHAPv2) |
| Secure Communication | HTTPS, SRTP, WSS(Websocket secure) |
| Access Control | IP address filtering |
| Data Protect | Authentication information encryption, ZIP compression encryption |
| Audit | User Access/System/Event log |
| Device ID | Device Certificate(Hanwha Techwin Root CA, pre-installed) |

General

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

Environmental & Electrical

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QNP-6320

| | |
|----------------------------------|---|
| Operating Temperature / Humidity | -10°C~+55°C(14°F~+131°F) / 0~95% RH(Non-condensing) |
| Storage Temperature / Humidity | -30°C~+60°C(-22°F~+140°F) / 0~95% RH |
| Input Voltage | PoE+(IEEE802.3at, Class4) |
| Power Consumption | PoE+: Max 14.5W, typical 12W |

Mechanical

| | |
|-----------------------------|---|
| Color / Material | White / Plastic |
| RAL Code | RAL9003 |
| Product Dimensions / Weight | ø152x218mm(ø5.98x8.58"), 1700g(3.75 lb) |
| Hanging Mount (Dome) | SBP-301HMMW3 |
| Ceiling Mount (Assy) | SBP-300CMW, SBP-300CMW1/900CMW, SBP-150CMI/300CMI, SBP-300CMTW, SBP-300CMTS |
| Wall Mount | SBP-300WMW1, SBP-300WMW, SBP-250WMW, SBP-390WMW2 |
| Pole Mount | SBP-300PMW2, SBP-156LMW1 |
| In-ceiling Mount | SHP-1520FW |
| Parapet Mount | SBP-300LMW |
| Corner Mount | SBP-300KMW1 |
| Housing (Box) | SHP-3701H |
| Cabinet | SBP-300NBW |
| Other Compatible Models | SPB-PTZ6, SBP-115PFA |

Certifications & Standards

| | |
|-------------|--|
| EMC | FCC 47 CFR 15 Subpart B Class A IC Regulation ICES-003 Issue 7 Class A CE/UKCA - EN 55032 Class A, EN 50130-4, EN 61000-3-2, EN 61000-3-3 VCCI CISPR 32 Class A RCM AS/NZS CISPR 32 Class A |
| Safety | UL 62368-1, CAN/CSA C22.2 NO. 62368-1 |
| Environment | IEC/EN 63000 |

DORI (EN62676-4 standard)

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

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CAD

Unit:mm [inch]

