

# XNZ-6320

2M H.265 NW 32x Zoom Camera



## Key Features

- Max. 2Megapixel (1920 x 1080) resolution
- 4.44 ~ 142.6mm Optical 32x zoom, Digital 32x zoom
- Max. 60fps@all resolutions (H.265 / H.264)
- H.265, H.264, MJPEG Codec, Multiple streaming
- Day & Night (ICR), WDR (150dB), Defog
- DIS with built-in Gyro sensor
- Video & Audio Analytics
- PoE, SFP, SD/SDHC/SDXC memory slot

## Compatible Accessories (Optional)



SHB-4301HP



STB-4150V

| Video                       |   |
|-----------------------------|---|
| Imaging Device              | 1/2.8" 2MP 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)<br>MJPEG: Max. 30fps/25fps(60Hz/50Hz)  |
| Min. Illumination           | Color: 0.05Lux (1/30sec, F1.6)<br>B/W: 0.005 Lux (1/30sec, F1.6)  |
| Video Out                   | CVBS: 1.0 Vp-p / 75Ω composite, 720x480(N), 720x576(P) for installation<br>USB: Micro USB Type B, 1280x720 for installation   |
| Lens                        |   |
| Focal Length (Zoom Ratio)   | 4.44 ~ 142.6mm(Optical 32X)   |
| Max. Aperture Ratio         | F1.6(Wide)~F4.4(Tele)   |
| Angular Field of View       | H: 61.8°(Wide)~2.19°(Tele) / V: 36.2°(Wide)~1.24°(Tele)   |
| Min. Object Distance        | Wide 1.5m(4.92ft) ,Tele 2m(6.56ft)  |
| Focus Control               | Auto, One shot AF   |
| Lens Type                   | DC Iris   |
| Operational                 |   |
| Camera Title                | Displayed up to 85 characters   |
| Day & Night                 | Auto(ICR)   |
| Backlight Compensation      | BLC, HLC, WDR, SDDR   |
| Wide Dynamic Range          | 150dB   |
| Digital Noise Reduction     | SSNR V  |
| Digital Image Stabilization | Support   |
| Defog                       | Support   |
| Motion Detection            | 8ea, 8point polygonal zones   |
| Privacy Masking             | 32ea, rectangular zones<br>- Color: Grey/Green/Red/Blue/Black/White<br>- Mosaic   |
| Gain Control                | Low / Middle / High   |
| White Balance               | ATW / AWC / Manual / Indoor / Outdoor   |
| Electronic Shutter Speed    | Minimum / Maximum / Anti flicker (2~1/12,000sec)  |
| Video Rotation              | Flip, Mirror  |
| Analytics                   | Defocus detection, Directional detection, Fog detection, Face detection, Motion detection, Appear/Disappear, Enter/Exit, Loitering, Tampering, Virtual line, Audio detection, Sound classification, Shock detection |
| Serial Interface            | RS-485/422(Samsung-T, Pelco-D/P, Panasonic, Bosch, AD, GE, Vicon, Honeywell)  |
| Alarm I/O                   | Input 1ea / Output 2ea  |
| Alarm Triggers              | Analytics, Network disconnect, Alarm input  |

|  |   |
|--|---|
| <b>Alarm Events</b>                      | File upload via FTP and e-mail<br>Notification via e-mail<br>SD/SDHC/SDXC or NAS recording at event triggers<br>Alarm output<br>PTZ Preset  |
| <b>Audio In</b>                          | Selectable(mic in/line in)<br>Supply voltage: 2.5VDC(4mA), Input impedance: 2K Ohm  |
| <b>Audio Out</b>                         | Line out, Max.output level: 1Vrms   |
| <b>Network</b>                           |   |
| <b>Ethernet</b>                          | RJ-45(10/100BASE-T), SFP(100BASE-FX)  |
| <b>Video Compression</b>                 | H.265/H.264: Main/Baseline/High, MJPEG  |
| <b>Audio Compression</b>                 | G.711 u-law /G.726 Selectable<br>G.726(ADPCM) 8KHz, G.711 8KHz<br>G.726: 16Kbps, 24Kbps, 32Kbps, 40Kbps<br>AAC-LC: 48Kbps at 16KHz  |
| <b>Smart Codec</b>                       | Manual(5ea area), WiseStream II   |
| <b>Bitrate Control</b>                   | H.264/H.265: CBR or VBR<br>MJPEG: VBR   |
| <b>Streaming</b>                         | Unicast(20 users) / Multicast<br>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, SRTP                   |
| <b>Security</b>                          | HTTPS(SSL) Login Authentication<br>Digest Login Authentication<br>IP Address Filtering<br>User access Log<br>802.1X Authentication(EAP-TLS, EAP-LEAP)   |
| <b>Application Programming Interface</b> | ONVIF Profile S/G/T<br>SUNAPI(HTTP API)<br>Wisenet open platform  |
| <b>General</b>                           |   |
| <b>Web Viewer</b>                        | Supported OS: Windows 7, 8.1, 10, Mac OS X 10.10, 10.11, 10.12<br>Recommended Browser: Google Chrome<br>Supported Browser: MS Explore11, MS Edge, Mozilla Firefox(Window 64bit only), Apple Safari(Mac OS X only) |
| <b>Edge Storage</b>                      | Micro SD/SDHC/SDXC 2slot 512GB  |
| <b>Memory</b>                            | 1024MB RAM, 256MB Flash   |
| <b>Environmental &amp; Electrical</b>    |   |
| <b>Operating Temperature / Humidity</b>  | -10°C ~ +55°C(+14°F ~ +131°F) / Less than 90% RH  |
| <b>Storage Temperature / Humidity</b>    | -30°C ~ +60°C(-22°F ~ +140°F) / Less than 90% RH  |
| <b>Input Voltage</b>                     | PoE(IEEE802.3af, Class3), 24VAC, 12VDC  |
| <b>Power Consumption</b>                 | PoE: Max 7W<br>12VDC: Max 6.7W  |
| <b>Mechanical</b>                        |   |
| <b>Color / Material</b>                  | Dark grey / Aluminum  |

**Product Dimensions / Weight**

96 x 76 x 143.5mm, 578g

- The latest product information / specification can be found at [hanwha-security.com](http://hanwha-security.com)
- Design and specifications are subject to change without notice.
- Wisenet is the proprietary brand of Hanwha Techwin, formerly known as Samsung Techwin.