XNZ-6320

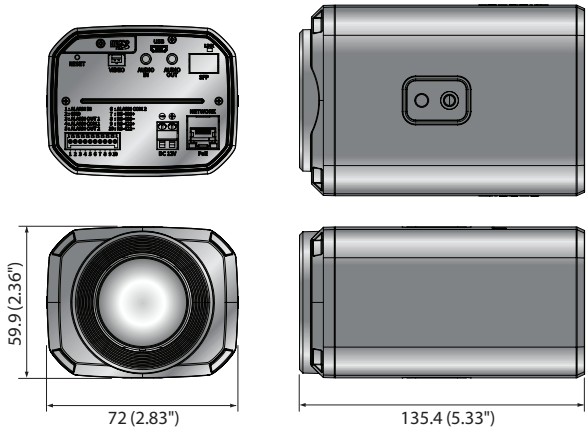
2M H.265 Network 32x Zoom Camera

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

Dimensions

Unit : mm (inch)



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	XNZ-6320
VIDEO	
Imaging Device	1/2.8" 2.4M CMOS
Total Pixels	1981(H) x 1288(V), 2.55M
Effective Pixels	1944(H) x 1212(V), 2.35M
Scanning System	Progressive scan
Min. Illumination	Color : 0.05 Lux (1/30 sec, F1.6) B/W : 0.005 Lux (1/30 sec, F1.6)
S / N Ratio	50dB
Video Out	CVBS : 1.0 Vp-p / 75Ω composite, 720 x 480(N), 720 x 576(P), for installation USB : Micro USB type B, 1280 x 720, 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 / Manual / One shot AF
Lens Type	DC auto iris
Mount Type	Board-in type
OPERATIONAL	
Camera Title	Off / On (Displayed up to 85 characters) - W/W : English / Numeric / Special characters - China : English / Numeric/Special / Chinese characters - Common : Multi-line (Max 5), Color (Grey / Green / Red / Blue / Black / White), Transparency, Auto scale by resolution
Day & Night	Auto (ICR) / Color / B/W / Schedule
Backlight Compensation	Off / BLC / HLC / WDR
Wide Dynamic Range	150dB
Contrast Enhancement	SSDR (On / Off)
Digital Noise Reduction	SSNR5 (2D+3D noise filter) (On / Off)
Digital Image Stabilization	On / Off (Built-in gyro sensor)
Defog	Off / Manual / Auto
Motion Detection	On / Off (8ea, Polygonal)
Privacy Masking	On / Off (24 Zones of rectangle zone) - Color : Grey / Green / Red / Blue / Black / White - Mosaic
Gain Control	Off / Low / Middle / High
White Balance	ATW / AWC / Manual / Indoor / Outdoor (Included Mercury & Sodium)
Electronic Shutter Speed	Minimum / Maximum / Anti flicker (1 ~ 1 / 12,000sec)
Digital Zoom	32x
Flip / Mirror	On / Off
Video & Audio Analytics	Tampering, Loitering, Directional detection, Fog detection, Virtual Line, Enter/Exit, Appear/Disappear, Audio detection, Face detection, Motion detection, Sound classification, Shock detection
Serial Interface	RS-485/RS-422 - Samsung-T, Pelco-D/P, Panasonic, Bosch, AD, GE, Vicon, Honeywell
Alarm I/O	Input 1ea / Output 2ea (Relay)
Alarm Triggers	Alarm input, Motion detection, Video & Audio analytics, Network disconnect
Alarm events	File upload via FTP and E-Mail, Notification via E-Mail, TCP and HTTP, Local storage (SD/SDHC/SDXC) or NAS recording at alarm triggers, External output, Preset
Audio In	Selectable (Mic In/Line In) Supply voltage: 2.5VDC (4mA), Input impedance: approx. 2K Ohm
Audio out	Line out (3.5mm), Max. output level: 1 Vrms
Pixel counter	Support

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NETWORK	
Ethernet	RJ-45 (10/100BASE-T), SFP (100BASE-FX)
Video Compression Format	H.264 (MPEG-4 Part 10/AVC), H.265, Motion JPEG
Resolution	1920 x 1080, 1280 x 1024, 1280 x 960, 1280 x 720, 1024 x 768, 800 x 600, 800 x 448, 720 x 576, 720 x 480, 640 x 480, 640 x 360, 320 x 240
Max. Framerate	H.264 / H.265 : Max. 60fps at all resolutions Motion JPEG : Max. 30fps at all resolutions
Smart Codec	Manual mode (Area-based : 5ea)
WiseStream Ⅱ	Support
Video Quality Adjustment	H.264 / H.265 / MJPEG : Target bitrate level control
Bitrate Control Method	H.264 / H.265 : CBR or VBR Motion JPEG : VBR
Streaming Capability	Multiple streaming (Up to 10 profiles)
Audio Compression Format	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
Audio Communication	Bi-directional (2-Way)
IP	IPv4, IPv6
Protocol	TCP/IP, UDP/IP, RTP(UDP), RTP(TCP), RTCP,RTSP, NTP, HTTP, HTTPS, SSL/TLS, DHCP, PPPoE, FTP, SMTP, ICMP, IGMP, SNMPv1/v2c/v3(MIB-2), ARP, DNS, DDNS, QoS, PIM-SM, UPnP, Bonjour
Security	HTTPS (SSL) login authentication, Digest login authentication, IP address filtering, User access log, 802.1X Authentication (EAP-TLS, EAP-LEAP)
Streaming Method	Unicast / Multicast
Max. User Access	20 users at Unicast mode
Edge Storage	Micro SD/SDHC/SDXC 2slot (up to 512 GB) - Continuous recording(1'st slot to 2'nd slot) - Motion Images recorded in the Micro SD/SDHC/SDXC memory card can be downloaded. NAS (Network Attached Storage) Local PC for instant recording
Application Programming Interface	ONVIF Profile S/G, SUNAPI 2.0 (HTTP API), Wisenet Open Plarform
Webpage Language	English, Korean, Chinese, French, Italian, Spanish, German, Japanese, Russian, Swedish, Portuguese, Czech, Polish, Turkish, Dutch, Hungarian, Greek
Web Viewer	Supported OS : Windows 7, 8.1, 10, Mac OS X 10.10, 10.11, 10.12 Plug-in Free Webviewer supported browser : Google Chrome, MS Edge, Mozilla Firefox (Windows 64bit only) , Apple Safari 10 (Mac OS X only) Plug-in Webviewer supported browser : MS Explorer 11, Apple Safari 10 (Mac OS X only)
Central Management Software	SmartViewer, SSM
ENVIRONMENTAL	
Operating Temperature / Humidity	-10°C ~ +55°C (+14°F ~ +131°F) / Less than 90% RH
Storage Temperature / Humidity	-30°C ~ +60°C (-22°F ~ +140°F) / Less than 90% RH
ELECTRICAL	
Input Voltage / Current	12VDC ± 10%, PoE (IEEE 802.3af, class3)
Power Consumption	Max.6.7W (DC12V), Max.7W (PoE)
MECHANICAL	
Color / Material	Black / Plastic, Metal
Dimension (W x H x D)	72 x 59.9 x 135.4mm (2.83" x 2.36" x 5.33")
Weight	578g (1.274 lb)

* The lastest product information / specification can be found at hanwha-security.com
* Design and specifications are subject to change without notice.
* Wisenet is the proprietary brand of Hanwha Techwin.

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