SNZ-6320

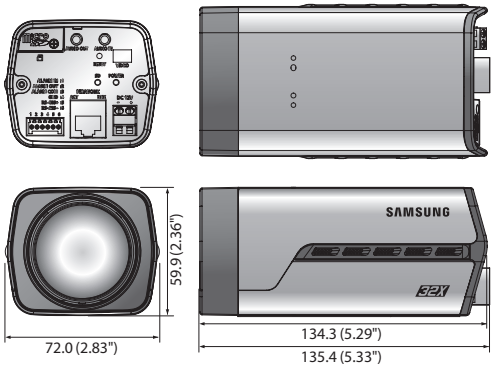
2M 32x Network Zoom Camera

Key Features

- Max. 2megapixel (1920 x 1080) resolution
- 16 : 9 Full HD (1080p) resolution support
- 0.15Lux@F1.6 (Color), 0.015Lux@F1.6 (B/W)
- 4.44 ~ 142.6mm (32x) optical zoom, 16x digital zoom
- H.264, MJPEG dual codec, Multiple streaming
- Day & Night (ICR), WDR (120dB)
- Intelligent video analytics
- PoE, SD/SDHC/SDXC memory slot, Bi-directional audio support

Dimensions

Unit : mm (inch)



Accessories (Optional)

SHB-4300H/4300H1/4300H2

SHB-4200/4200H

STB-400

use with

STH-500

or

STH-200

STB-4150V

* Data recorded on an SD memory card may be lost or damaged by data access during power-off, mechanical shock, memory card detachment, or other operations. Data loss or damage can also occur when a memory card reaches end of life, which varies according to operational conditions. No guarantee is given against damage (including passive damage).

	SNZ-6320N/P
VIDEO	
Imaging Device	1/2.8" 2.38M CMOS
Total / Effective Pixels	1,952(H) x 1,116(V), 2.18M / 1,944(H) x 1,104(V) , 2.14M
Scanning System	Progressive
Min. Illumination	Color : 0.3Lux (1/30sec, F1.6, 50IRE), 0.15Lux (1/30sec, F1.6, 30IRE) B/W : 0.03Lux (1/30sec, F1.6, 50IRE), 0.015Lux (1/30sec, F1.6, 30IRE)
S / N Ratio	50dB
Video Output	CVBS : 1.0 Vpp / 75Ω composite, 720 x 480(N), 720 x 576(P), for installation DIP connector type
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 : 62.8°(Wide) ~ 2.23°(Tele) / V : 36.80°(Wide) ~ 1.26°(Tele)
Min. Object Distance	1.5m (4.92ft)
Focus Control	Auto / Manual / One push
Lens / Mount Type	DC auto iris / Board-in type
OPERATIONAL	
Camera Title	Off / On (Displayed up to 45 characters)
Day & Night	Auto (ICR) / Color / B/W / External / Schedule
Backlight Compensation	Off / BLC
Wide Dynamic Range	120dB
Contrast Enhancement	SSDR (Off / On)
Digital Noise Reduction	SSNRIII (2D+3D noise filter) (Off / On)
Digital Image Stabilization	Off / On
Defog	Off / Auto / Manual
Motion Detection	Off / On (4ea 4 points polygonal zones)
Privacy Masking	Off / On (32 zones with 2 points of rectangle)
Gain Control	Off / Low / Middle / High
White Balance	ATW / AWC / Manual / Indoor / Outdoor / Mercury
Electronic Shutter Speed	Minimum / Maximum / Anti flicker (2 ~ 1/12,000sec)
Digital Zoom	16x
Flip / Mirror	Off / On
Intelligent Video Analytics	Tampering, Virtual line, Enter / Exit, (Dis)Appear, Audio detection, Face detection
Alarm I/O	Input 1ea / Output 1ea (Relay)
Remote Control Interface	RS-485
RS-485 Protocol	Samsung-T/E, Pelco-P/D, Panasonic, Honeywell, AD, Vicon, Bosch, GE
Alarm Triggers	Motion detection, Tampering, Audio detection, Face detecton, Video analytics, Alarm input, Network disconnection
Alarm Events	File upload via FTP and E-mail, Notification via E-mail, Local storage(SD/SDHC/SDXC) or NAS recording at Network disconnected & Event (Alarm Triggers), External output
NETWORK	
Ethernet	RJ-45 (10/100BASE-T)
Video Compression Format	H.264 (MPEG-4 part 10/AVC), MJPEG
Resolution	1920 x 1080, 1280 x 1024, 1280 x 960, 1280 x 720, 1024 x 768, 800 x 600, 800 x 450, 720 x 576, 640 x 480, 640 x 360, 320 x 240, 320 x 180
Max. Framerate	H.264 : Max. 60fps at all resolutions MJPEG : 1920 x 1080, 1280 x 1024, 1280 x 960, 1280 x 720, 1024 x 768 : Max. 15fps 800 x 600, 800 x 450, 720 x 576, 640 x 480, 640 x 360, 320 x 240, 320 x 180 : Max. 30fps
Smart Codec	Manual mode (Area-based : 5ea), Face detection mode
Video Quality Adjustment	H.264 : Compression level, Target bitrate level control, MJPEG : Quality level control
Bitrate Control Method	H.264 : CBR or VBR, MJPEG : VBR
Streaming Capability	Multiple streaming (Up to 10 profiles)
Audio In	Selectable (Mic in / Line in), Supply voltage : 2.5V DC (4mA), Input impedance : approx. 2K Ohm
Audio Out	Line out (3.5mm stereo mini jack), Max output level : 1 Vrms
Audio Compression Format	G.711 u-law/G.726 selectable, G.726 (ADPCM) 8KHz, G.711 8KHz, G.726 : 16Kbps, 24Kbps, 32Kbps, 40Kbps
Audio Communication	Bi-directional audio
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
Streaming Method	Unicast / Multicast
Max. User Access	10 users at unicast mode
Edge Storage	SD/SDHC/SDXC - Motion Images recorded in the SD/SDHC/SDXC memory card can be downloaded. NAS (Network Attached Storage)
Application Programming Interface	ONVIF profile S, SUNAPI 2.0, SVNP 1.2
Webpage Language	English, French, German, Spanish, Italian, Chinese, Korean, Russian, Japanese, Swedish, Danish, Portuguese, Turkish, Polish, Czech, Rumanian, Serbian, Dutch, Croatian, Hungarian, Greek, Finnish, Norwegian
Web Viewer	Supported OS : Windows XP / VISTA / 7 / 8 / 8.1, MAC OS X 10.7 / 10.8 Supported Browser : Microsoft Internet Explorer (Ver. 8 ~ 11), Mozilla Firefox (Ver. 9 ~ 19), Google Chrome (Ver. 15 ~ 32) Apple Safari (Ver. 6.0.2(Mac OS X 10.8, 10.7 only), 5.1.7) * Mac OS X only
Central Management Software	SmartViewer, SSM, Mobile viewer
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	12V DC, PoE (IEEE802.3af, Class3)
Power Consumption	Max. 9W (12V DC) / Max. 10W (PoE)
MECHANICAL	
Color / Material	Dark gray / Metal
Dimensions (WxHxD)	72.0 x 59.9 x 135.4mm (2.83" x 2.36" x 5.33")
Weight	540g (1.19 lb)

* The lastest product information / sepecification can be found at http://security.hanwhatechwin.com