SNC-EP550

Network PTZ Camera — E Series

SONY
make.believe

High-Quality 720p HD PTZ Cameras

- Excellent 720p HD picture quality, supporting 30 fps at H.264 (1280 x 720 maximum resolution)
- The Exmor™ CMOS sensor incorporated to deliver high image quality and low noise
- Powerful 28x optical zoom capability

340° Pan

1M MEGAPIXEL HD

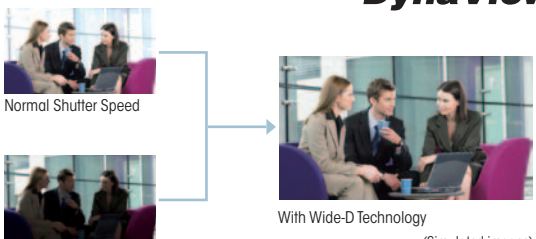
KEY FEATURES

- Excellent 720p HD picture quality at 30fps.
- The Exmor CMOS sensor delivers high quality and low noise images.

Exmor™

- Three codecs (H.264, MPEG-4, JPEG) and dual-streaming capability.
- 28x optical and total zoom ratio of 336x with 12x digital zoom.
- DynaView™— Wide-D technology to handle various lighting conditions in a scene.

DynaView



(Simulated images)

- Optical Day/Night function to switch to Day or Night mode depending on the light level.
- DEPA™ Intelligent Video Analytics system can be set up with a DEPA-enabled recorder.

DEPA

- Powered by HPoE for simple installation.
- SD memory card slot for an on-board recording capability.*1 *2
- Recording Software (RealShot™ Manager Lite) is bundled to start recording and monitoring instantly.
- Smart phone viewer for accessing the camera from a smart phone.
- ONVIF™ (Open Network Video Interface Forum) Version 1.02 software.

ONVIF

*1 The on-board recording function, the intelligent motion detection function, and the tamper alarm function cannot be used simultaneously.

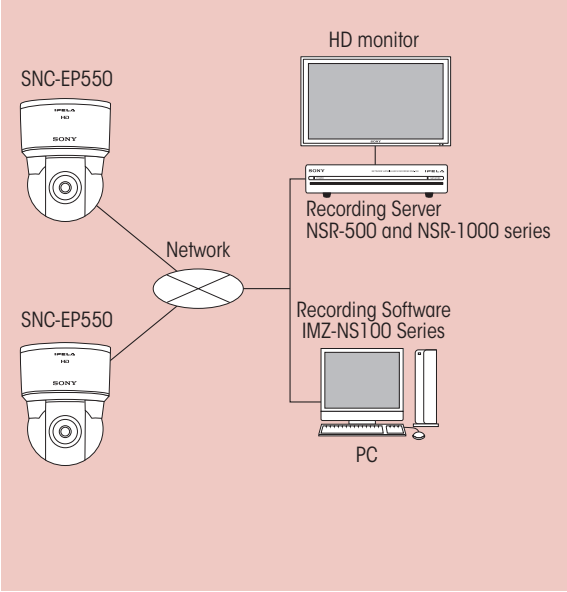
*2 No guarantee or warranty is given against loss or damage to recorded data.

SPECIFICATIONS

SNC-EP550	
Camera	
Image device	1/4-type Exmor CMOS
Number of effective pixels	Approx. 1.43 Megapixel
Minimum Illumination	Color: 1.0lx (F1.35, shutter 1/30sec, AGC ON, 50IRE[IP]) B/W: 0.1lx (F1.35, shutter 1/30sec, AGC ON, Night Mode, 50IR [IP]) Color: 0.7lx (F1.35, shutter 1/30sec, AGC ON, 30IRE[IP]) B/W: 0.07lx (F1.35, shutter 1/30sec, AGC ON, Night Mode, 30IRE[IP])
Electronic shutter speed	1/1 to 1/10,000 s
Gain control	Auto/Manual (-3 to 28 dB)
Exposure control	Full auto, Shutter priority, Iris priority, Manual
White balance mode	Auto, ATW, Indoor, Outdoor, One-push, Manual, Sodium vapour lamp
Lens type	Auto-focus Zoom Lens
Zoom ratio	Optical zoom 28x, Digital zoom 12x, Total zoom 336x
Horizontal viewing angle	55.9 to 2.1 degrees
Focal length	f=3.5 to 98 mm
F-number	F1.35 to F3.7
Minimum object distance	10mm (wide) to 1500mm (tele)
Pan angle	340 degrees
Pan Speed	300 degrees/s (max)
Tilt angle	105 degrees
Tilt speed	300 degrees/s (max)
Preset position	256 positions
Tour	5
Camera Features	
Day/Night	Yes
Wide-D	Yes (86 dB)
Noise Reduction	Yes
Image	
Codec image size (H x V)	1280×720, 1024×576, 800×600, 800×480, 768×576, 720×576, 704×576, 720×480, 640×480, 640×368, 384×288, 320×240, 320×192
Video compression format	H.264, MPEG-4, JPEG
Codec streaming capability	Dual streaming
Maximum frame rate	30 fps (H.264/MPEG-4/JPEG)
Audio	
Audio compression	G.711/G.726
Scene Analytics	
Intelligent motion detection	Yes
Network	
Protocols	IPv4, IPv6, TCP, UDP, ARP, ICMP, IGMP, HTTP, HTTPS, FTP (client/server), SMTP, DHCP, DNS, NTP, RTP/RTCP, RTSP, SNMP(MIB-2)
ONVIF software	Yes (Ver. 1.02)
Number of clients	5
Authentication	IEEE802.1X
Interface	
Ethernet	10BASE-T / 100BASE-TX (RJ-45)
Card slots	SD memory card x 1 (Compatible with the SD/SDHC standards)
Sensor input	x2
Alarm output	x1
External microphone input	Mini-jack (monaural)
Audio line output	Mini-jack (monaural), Max ouput level: 1 Vrms
General	
Weight	3 lb 12 oz (1.7 kg) (including ceiling bracket)
Dimensions (ø x H mm)	ø 5 7/8 x 7 5/8 inches (147.4 x 190.9 mm)
Power requirements	HPoE (IEEE802.3at compliant), AC24V
Power consumption	Approx. 25W
Operating temperature	23 to 122°F (-5 to +50 °C)
Starting temperature	32 to 122°F (0 to 50 °C)
Storage temperature	-4 to +140°F (-20 to +60 °C)
Safety regulation	UL2044, FCC 15B Class A, IC Class A, IEC60950-1, EN55022(A)+EN55024+EN50130-4, VCCI Class A, C-Tick Class A
System Requirements	
Operating system	Microsoft Windows XP™ (32bit) - Professional Edition Microsoft Windows Vista™ (32bit) - Ultimate, Business Edition Microsoft Windows 7 (32/64bit) - Ultimate, Professional Edition
Processor	Intel Core2 Duo 2 GHz or higher
Memory	1 GB or more
Web browser	Microsoft Internet Explorer® Ver. 6.0, Ver. 7.0, Ver. 8.0 Firefox® Ver.3.5 (Plug-in free viewer only) Safari® Ver.4.0 (Plug-in free viewer only) Google Chrome® Ver.4.0 (Plug-in free viewer only)
Supplied Accessories	
	CD-ROM (User's guide, supplied programs), Installation manual, Ceiling bracket, Screws(2), Template, 24V AC Connector, I/O Connector

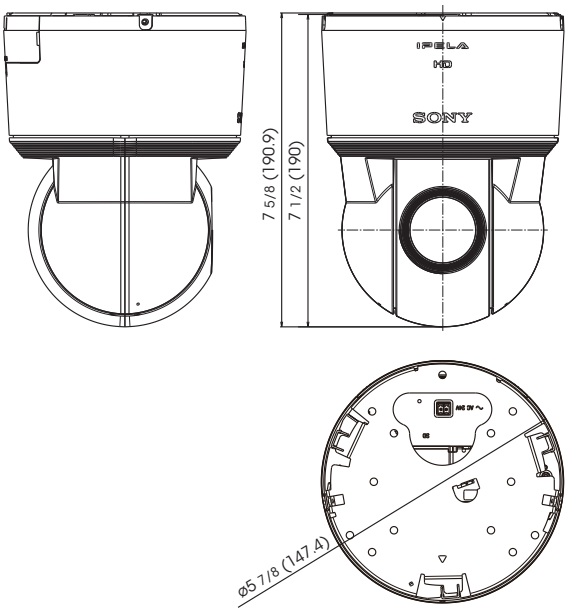
*The SNC-EP550 includes software developed by the OpenSSL Project for use in the OpenSSL Toolkit (http://www.openssl.org/).

SYSTEM CONFIGURATION



DIMENSIONS

Unit: inches (mm)



Sony Electronics Inc.
1 Sony Drive
Park Ridge, NJ 07656
sony.com/security

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