

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



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



Normal Shutter Speed



High Shutter Speed



With Wide-D Technology
(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.
- 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.

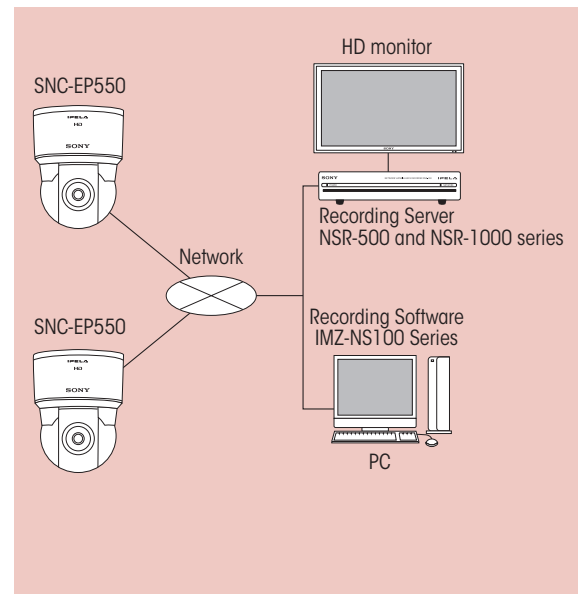
*2 No guarantee or warranty is given against loss or damage to recorded data.

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)	1280x720, 1024x576, 800x600, 800x480, 768x576, 720x576, 704x576, 720x480, 640x480, 640x368, 384x288, 320x240, 320x192
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 output 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	

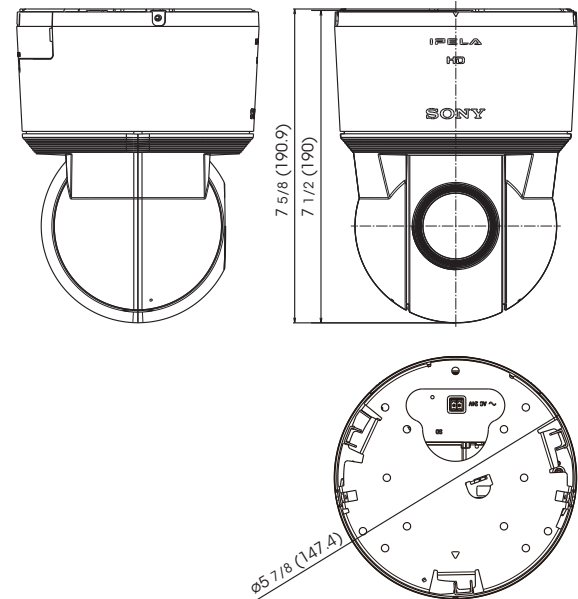
*The SNC-EP550 includes software developed by the OpenSSL Project for use in the OpenSSL Toolkit (<http://www.openssl.org/>).

SYSTEM CONFIGURATION



DIMENSIONS

Unit: inches (mm)



© 2011 Sony Electronics Inc. All rights reserved.
 Reproduction in whole or in part without written permission is prohibited.
 Features and specifications are subject to change without notice.
 Weights and measurements are approximate.
 Sony, Sony make.believe, iPELA, Exmor, DEPA, RealShot and DynaView are trademarks of Sony.
 Windows, XP, and Vista are trademarks of Microsoft Corporation.
 Core is a trademark of Intel Corporation.
 All other trademarks are the property of their respective owners.

Printed in USA (9/11)



BarcodesInc

BarcodesInc
200 West Monroe Street
Chicago, Illinois 60606

Phone: 1-800-351-9962
Fax: 1-312-212-1800
www.barcodesinc.com

About BarcodesInc

Who We Are

BarcodesInc is North America's leading provider of specialized digital data hardware and software solutions. Our products include barcode scanners, mobile computing devices, identification card equipment, point-of-sale systems, barcode label and receipt printers, and consumables, all of which help customers improve productivity and profitability. Our product and solution experts have been serving both small businesses and large enterprises since 1994.

We Owe Our Success To You

It's true that data tracking is our expertise - but customer satisfaction is our true passion. We have one overriding objective: focus on you, the customer. We understand that each customer's need is unique. That's why we listen carefully and tailor our solutions to meet your needs. We appreciate the opportunity to serve you and strive to exceed your expectations!

Why Choose BarcodesInc?

Dedicated Account Manager

Our Account Managers will not compromise when it comes to providing you top-notch service. Your Account Manager is the primary point of contact for your business and makes it a priority to get to know you, your company and all your needs.

Highly-Trained Technical Support

Our technical staff has the broadest knowledge and every significant certification in the industry. One of our friendly experts is always available to suggest products and solutions for any situation.

Incredible Value

Our purchasing power means big savings for you. Whatever your project, our team will work hard to deliver a solution that fits your budget.

Largest Inventory in the Industry and Same-Day Shipping

Whatever your barcoding, mobile computing, or printing needs, we will fill your order and ship it the same day.

Premier Access to Top Manufacturers

BarcodesInc maintains strong strategic partnerships with the leading manufacturers in barcoding, mobile computing, printing and RFID.

Responsive Customer Service

Every phone call and email is responded to promptly, completely and accurately by our customer service team.

Easy Returns

Damaged, defective or incorrectly ordered goods may be returned without hassle.

BRANDS



AND MORE