

SNC-EM521

IP Mini Dome Camera

SONY
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Vandal-Resistant Security Camera

- SVGA (800 x 600) maximum resolution
- Three codecs (H.264, MPEG-4, JPEG) and a dual streaming capability
- The "Exmor" CMOS sensor incorporated to realize high image quality and low noise



Key Features

- IK10-rated vandal-resistant feature to protect the camera from destructive behaviors
- Easy Focus/Easy Zoom functions for easy installation
- Optical Day/Night function to switch to Day or Night mode depending on the light level
- Stream Squared function to send two 4:3 aspect ratio videos in user-selectable resolutions up to SD simultaneously (Low-cost solution to replace two SD cameras located in a line)
- DEPA Intelligent Video Analytics system can be set up with a DEPA-enabled recorder
- Analog monitor output (phono jack)
- Powered by PoE (Power over Ethernet) for simple installation



- ONVIF (Open Network Video Interface Forum) conformance that ensures greater interoperability and more flexibility in building multiple-vendor systems



Example



Dual Streaming



1st Streaming
SVGA video of a whole



2nd Streaming
Cropped area (up to VGA resolution)

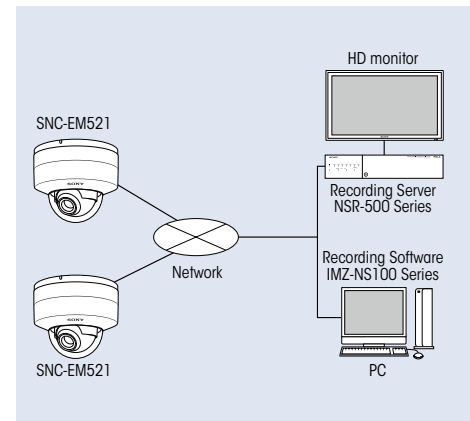
Connect Your Vision

IPELA™

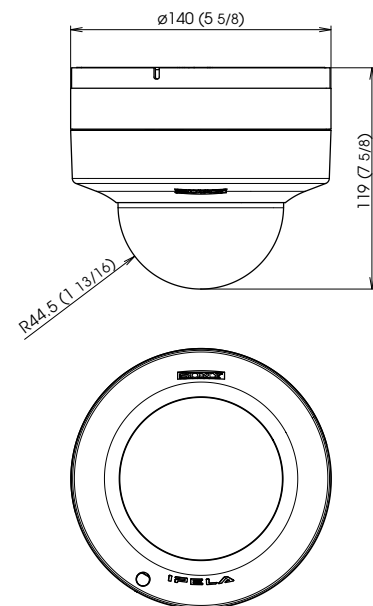
SPECIFICATIONS

SNC-EM521	
Camera	
Image sensor	1/3-type "Exmor" CMOS sensor
Number of effective pixels (H x V)	Approx. 1.4 Megapixel (1329 x 1049)
Minimum illumination	Color: 0.50 lx, B/W: 0.30 lx (F1.2, shutter 1/30 sec., AGC 42dB, 50IRE by IP)
Gain control	Auto
Electronic shutter speed	1/1 to 1/10,000 s
Exposure control	Auto, EV Compensation, Auto Slow Shutter
White balance mode	Auto (ATW, ATW-PRO), Preset, One-push WB, Manual
Lens type	Built-in Vari-focal lens
Powered zoom	Yes (Easy Zoom)
Zoom ratio	Optical 2.9x
Powered focus	Yes (Easy Focus)
Horizontal viewing angle	85.4 to 31.2 degrees
Focal length	f = 3.1 to 8.9 mm
F-number	F1.2 (Wide), F2.1 (Tele)
Minimum object distance	300 mm
Camera Features	
Day/Night	Yes
Noise reduction	Yes
Image	
Codec image size (H x V)	800 x 600 (SVGA), 720 x 576 (PAL D1), 720 x 480 (NTSC D1), 704 x 576 (4CIF) 640 x 480 (VGA), 352 x 288 (CIF), 320 x 240 (QVGA)
Video compression format	H.264, MPEG-4, JPEG
Codec streaming capability	Dual streaming
Maximum frame rate	30 fps (H.264, MPEG-4, JPEG)
Scene Analytics	
Intelligent motion detection	Yes
Network	
Protocols	IPv4, IPv6, TCP, UDP, ARP, ICMP, IGMP, HTTP, HTTPS, FTP (client only), SMTP, DHCP, DNS, NTP, RTP/RTCP, RTSP, SNMP (MIB-2)
Onvif conformance	Yes
Number of clients	5
Authentication	IEEE802.1X
Interface	
Analog monitor output	Phono jack x 1 (1.0 Vp-p, 75 ohms, unbalanced, sync negative)
Network port	10BASE-T / 100BASE-TX (RJ-45)
Sensor input	x 1, make contact, break contact
Alarm output	x 1, 24V AC/DC, 1A (mechanical relay outputs electrically isolated from the camera)
General	
Power requirements	PoE (IEEE802.3af compliant)
Power consumption	6.0 W max.
Operating temperature	-10 to +50 °C (14 to 122°F)
Starting temperature	0 to +50 °C (32 to 122°F)
Storage temperature	-20 to +60 °C (-4 to +140°F)
Operating humidity	20 to 80%
Storage humidity	20 to 95%
Vandal resistant	IK10
Dimensions (W x H x D)	ø140 mm x 119 mm (5 5/8 inches x 4 3/4 inches)
Mass	Approx. 945 g (2 lb 2 oz), not including the cables and bracket
Safety regulations	UL2044, FCC Class A Digital Device, IC Class A Digital Device, IEC60950-1, EN55022(A)+EN55024+EN50130-4, VCCI Class A, AN/NZS CISPR22
System Requirements	
Operating system	Microsoft Windows XP, Windows Vista (32 bit), Windows 7 (32 bit)
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 Guides, and supplied programs) (1), Bracket (1), Template (1), Wire rope (1), Camera unit mounting screws (2), Shoulder screw M4 (1), Wrench (1), I/O cable (1), LAN cable (1), Installation Manual (1)	

SYSTEM CONFIGURATION



DIMENSIONS



Unit: mm (inches)

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