

SNC-CS50P OUTLINE

The Sony SNC-CS50P network camera – An easy to operate, high-performance colour IP network camera that takes remote monitoring to the next level.

This colour IP network camera is ideal for applications ranging from surveillance to remote monitoring in areas such as shopping malls, airports, warehouses and more.

The SNC-CS50P incorporates a highly sensitive 1/3-type CCD with SuperExwave™ technology for superb picture quality and high sensitivity. The camera comes equipped with an auto iris, high-performance vari-focal lens and features a CS mount that offers users the flexibility to replace the existing lens with a different lens to meet different application requirements.

It also offers a variety of key features for surveillance and remote monitoring, such as a Day/Night function to provide clear monitoring images even in low light conditions, Intelligent Video Motion Detection and Intelligent Object Detection.

Using advanced image processing technology, the SNC-CS50P provides three compression formats: JPEG, MPEG-4, and H.264*, allowing users to choose the appropriate

compression format to match the network environment and monitoring applications. A high-frame rate can be achieved, providing clear and smooth moving images while monitoring. Also, because the SNC-CS50P employs a newly developed "Dual Encoding Capability," JPEG and MPEG-4 images can be streamed simultaneously, further expanding monitoring applications possibilities.

This feature-rich, intelligent, high-performance camera can take your surveillance and remote monitoring applications to the next level. Choose the SNC-CS50P to meet your IP monitoring needs.

* H.264 compressed video cannot be viewed using a browser. This function will be available with a software upgrade in the future.



FEATURES

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|--|--------------------------------------|-----------------------------|--------------------------------------|
| ■ High-Quality Images | ■ Image Stabiliser | ■ Network Features | ■ Anti-Tampering Function |
| ■ Selectable JPEG, MPEG-4, H.264 Compression Formats | ■ "Day/Night" Function | - Adaptive Rate Control | ■ PC Card Slot |
| ■ High Frame Rate | ■ Alarm Functions | - Simultaneous Access | ■ Analogue Composite Video Output |
| ■ Stylish and Discreet Design | - Intelligent Video Motion Detection | - Multicasting Capability | ■ RS-232C Interface |
| ■ Dual Encoding Capability | - Intelligent Object Detection | ■ Wireless Capability | ■ AC 24 V, DC 12 V, or PoE Operation |
| ■ Vari-Focal Lens | - Sensor IN/Alarm OUT ports | ■ Bi-Directional Audio | ■ Simple GUI Operation |
| | - Pre-/Post-Alarm Image Storage | ■ Network Security Features | |
| | - Image Transfer Using FTP/SMTP | - IP Filtering | |
| | | - Password Protection | |

IPELA
INTEGRATED VISUAL COMMUNICATION

SNC-CS50P

Network Camera

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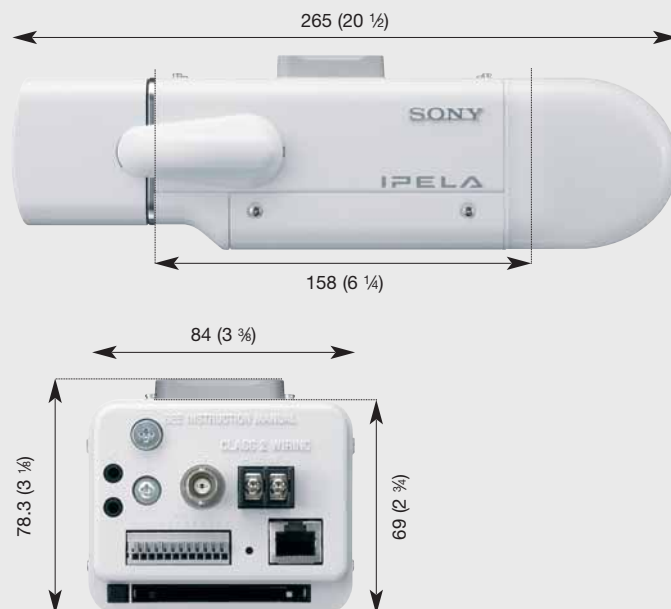


SPECIFICATIONS

CAMERA		SNC-CS50P
Image device		1/3-type SuperExwave CCD
Number of effective pixels		440,000 pixels
Electronic shutter		1/50 to 1/10,000 s
Gain control		Auto/Manual (0 dB to +24 dB)
Exposure control		Auto, Manual, EV compensation, Backlight compensation
White balance mode		ATW, ATW PRO, ONE PUSH
Lens type		Vari-focal zoom lens
Horizontal viewing angle		94° to 35°
Focal length		f=2.9 to 8.0 mm
F-number		F0.95 to F1.6
Minimum object distance		300 mm
Other functions		Day/Night, Intelligent Video Motion detection, Anti-tampering, Intelligent Object Detection, Image stabiliser
IMAGE		
Image size (H x V)		640 x 480 (VGA), 320 x 240 (QVGA), 160 x 120 (QQVGA)
Compression format		JPEG, MPEG-4, H.264
Maximum frame rate in VGA size		JPEG/MPEG-4: Max. 25 fps
		H.264: Max. 8 fps
Compression ratio		approx. 1/5 to 1/60 (10 steps)
AUDIO		
Audio compression		G.711/G.726 (40, 32, 24, 16 kbps)
NETWORK		
Protocols		TCP/IP, HTTP, ARP, ICMP, FTP, SMTP, DHCP, DNS, NTP, SNMP (MIB-2) and RTP/RTCP
Number of clients		20
INTERFACE		
Ethernet		10Base-T/100Base-TX (RJ-45)
Serial interface		RS-232C (Transparency function)
PC card slot		PC card x1 (Type II)
Analogue video output		BNC x1, 1.0 Vp-p, 75Ω
I/O ports		Sensor in x2, Alarm out x2
External microphone input		Mini-jack (monaural, 2.2 kΩ 2.5 V plug-in power)
Audio line output		Mini-jack (monaural), Max output level: 1 Vrms
ANALOGUE VIDEO OUTPUT		
Signal system		PAL (Composite)
Horizontal resolution		540 TV lines
S/N ratio		50 dB or more
Min. illumination		Colour: 0.4 lx (F 0.95, 50 IRE, AGC ON) B/W: 0.04 lx (F 0.95, 50 IRE, AGC ON)
GENERAL		
Mass		750 g (1 lb 10 oz) excl. cover equipment, 880g (1 lb 15 oz) incl. cover equipment
Dimensions (W x H x D)		84 x 69 x 196 mm (3 3/8 x 2 3/4 x 7 3/4 inches) excl. cover equipment, 84 x 69 x 265 mm (3 3/8 x 2 3/4 x 10 1/2 inches) incl. cover equipment
Power requirements		AC 24 V, DC 12 V, PoE
Power consumption		9 W max. (AC 24V)
Operating temperature		0 °C to 50 °C (32 °F to 122 °F)
Storage temperature		-40 °C to 60 °C (-40 °F to 140 °F)
SUPPLIED ACCESSORIES		
CD-ROM (setup program and user's guide), Wire rope, Shoulder screw M4, Cable cover, Front cover, Lens cable cover, Screw for front cover		
SYSTEM REQUIREMENTS		
Operating system		Microsoft® Windows® 2000/XP
Processor		CPU: Intel® Pentium® IV 1.5 GHz or higher
Memory		RAM: 256 MB or more
Web browser		Microsoft Internet Explorer® Ver.6.0 or later
Notes: You should keep in mind that the images or audio you are monitoring may be protected by privacy and other legal rights, and the responsibility for making sure you are complying with applicable laws is yours alone. Access to the images and audio is protected only by a user name and the password you set up. No further authentication is provided nor should you presume that any other protective filtering is done by the service. Since the service is internet-based, there is a risk that the image or audio you are monitoring can be viewed or used by a third-party via the network.		

DIMENSIONS

Unit: mm (inches)



REAR PANEL LAYOUT



OPTIONAL ACCESSORIES



SNCA-CFW1
Wireless LAN Card



SNCA-AN1
Wireless LAN Antenna
(Optional accessory for the
SNCA-CFW1 Wireless LAN Card)

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