

SNC-RZ50P OUTLINE

With its feature rich and compact design, the SNC-RZ50P PTZ Camera is ideal for a wide range of monitoring applications.

The SNC-RZ50P is the latest in a series of Sony network cameras that incorporates advanced image processing technology to provide three compression formats: JPEG, MPEG-4, and H.264. Users can choose any of the three compression formats to match the network environment and application requirements. Furthermore, with a newly-developed "Dual Encoding Capability", the camera allows for simultaneous streaming in JPEG and MPEG-4, further expanding monitoring applications.

In addition to its Pan/Tilt capability, the SNC-RZ50P is equipped with a powerful 26x optical zoom, allowing users to zoom in on small or distant objects with exceptional clarity. And, because the camera incorporates a Day/Night function, it provides clear images in low-light environments and even in 0 lx* lighting conditions.

Combining other convenient features, such as Intelligent Motion Detection, Intelligent Object Detection, Voice Alert, Built-in Compact Flash™ and PC card slots, and an Image Flip function, the SNC-RZ50P can be used for a wide variety of monitoring applications in location such as schools, shopping malls, public space and more.

* 0 lx means absence of visible light to the naked eye. A separate IR illuminator, available through third party vendors, is required for the camera to operate in 0 lx conditions.



FEATURES

- Pan/Tilt/Zoom (PTZ) Capability
- H.264 Selectable JPEG, MPEG-4, Compression Formats
- High-Quality Images
 - 1/4-type Super HAD CCD™
 - Dynamic Frame Integration
- Dual Encoding Capability
- Image Stabiliser
- Day/Night Function
- Alarm Functions
 - Intelligent Motion Detection
 - Intelligent Object Detection
 - Sensor in/Alarm out
 - Pre-/Post-Alarm Image Storage
 - Image Transfer Using FTP/SMTP
- Anti-tampering Function
- Network Features
 - Simultaneous Access
 - Multicasting Capability
- Network Security Features
 - IP Filtering
 - Password Protection
- Compact Flash™ Type Card Slot and PC Card Slot
- Wireless Capability
- Audio Capability
 - Bi-Directional Audio
 - Voice Alert
- User-Friendly GUI
- Compact and Stylish Design With Rear Cover
- Flexible Installation
- Analogue Composite Video Output
- RS-232C Interface
 - Transparency Function
 - VISCA™ Protocol

IPELA
INTEGRATED VISUAL COMMUNICATION

SNC-RZ50P

Network Camera

www.sonybiz.net/nvm



SPECIFICATIONS

Camera	SNC-RZ50P
Image device	1/4-type Super HAD CCD
Number of total pixels	740,000 pixels
Number of effective pixels	400,000 (702X575)
Electronic shutter	1 to 1/10,000 s
Gain control	Auto/Manual (-3 dB to +28 dB)
Exposure control	Auto (Full auto, Shutter-priority, Iris-priority), Manual, EV compensation, Backlight compensation
White balance mode	Auto, Indoor, Outdoor, One-push WB, ATW, Manual
Lens type	Auto-focus zoom lens
Zoom ratio	26x optical zoom (312x with digital zoom)
Horizontal viewing angle	1.7 to 42.0 degrees
Focal length	f=3.5 to 91.0 mm
F-number	F1.6 (wide), F3.8 (tele)
Minimum object distance	320 mm (wide), 1,500 mm (tele)
Pan angle	-170 to +170 degrees
Pan speed	300 degrees/s (max.)
Tilt angle	-90 to +25 degrees
Tilt speed	300 degrees/s (max.)
Other functions	Day/Night, Intelligent Motion Detection, Intelligent Object Detection, Anti-tampering, Image stabilizer, Image Flip, Position preset
Image	
Image size (H x V)	640 x 480, 320 x 240, 160 x 120 (JPEG, MPEG-4, H.264)
Compression format	JPEG, MPEG-4, H.264
Maximum frame rate	
JPEG/MPEG-4	25 fps (640 x 480)
H.264	8 fps (640 x 480)
Audio	
Audio compression	G.711/G.726 (40, 32, 24, 16 Kb/s)
Network	
Protocols	TCP/IP, HTTP, ARP, ICMP, FTP, SMTP, DHCP, SNMP, DNS, NTP
Number of clients	20
Interface	
Ethernet	10Base-T/100Base-TX (RJ-45)
Serial interface	RS-232C (Transparency function or VISCA protocol)
Card slots	PC card x1, CF card x1
Analogue video output	BNC x1, 1.0 Vp-p, 75 Ω
I/O ports	Sensor in x 2, Alarm out x 2
External microphone input	Mini-jack (monaural, 2.2 K 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	450 TV lines
S/N ratio	more than 50 dB
Min. illumination	Colour: 2.2 lx (50 IRE, F1.6, AGC ON), B/W: 0.3 lx (50 IRE, F1.6, AGC ON)
General	
Mass	1.2 kg (2 lb 10 oz)
Dimensions (W x H x D)	140 x 166 x 142 mm (5 5/8 x 6 5/8 x 5 5/8 inches)
Power requirements	DC 12 V
Power consumption	20 W max.
Operating temperature	0 °C to 40 °C (32 °F to 104 °F)
Storage temperature	-20 °C to 60 °C (-4 °F to 140 °F)
Supplied accessories	
Ceiling-mount bracket(A), Ceiling-mount bracket(B), Screws x6, Wire rope, AC Adaptor, AC Cable, CD-ROM (setup software, operation manual), Installation manual Mount bracket cover, Shoulder screw, Plug retainer, Rubber feet x4	
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
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)



YT-ICB550/T
In-ceiling Mount Kit
Tinted dome



YT-ICB550/C
In-ceiling Mount Kit
Clear dome



YT-MA550
Adaptor for the
YT-ICB550

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