

Sony SNC-RZ25 Network Camera

Introducing the Sony SNC-RZ25, MPEG-4/JPEG network camera with a PTZ capability packaged in a sleek and stylish body.

The SNC-RZ25 is ideal for web casting and remote monitoring applications used almost anywhere – from airports to train stations, factories to supermarkets, and from street corners in small towns to big cities.

Remote monitoring over a network has never been easier. With the SNC-RZ25, set up is simple, and more cost effective than conventional CCTV systems. This is because the network infrastructure is often already in place or can be easily installed.

Once the network connection is established, images from the camera can be efficiently streamed over the network. MPEG4 is well suited for streaming images over limited bandwidths. If higher quality still images are required, then the industry-standard JPEG compression is available.

The SNC-RZ25 also has a PTZ capability, allowing camera movements and the 18x optical zoom to be controlled from a PC using a standard web browser. The viewer has a unique feature that allows you to control the camera simply by clicking on the panorama image.

Packed full of features including, a "Day/Night" function, audio monitoring, network and wireless, alarm functions and more, the SNC-RZ25 is the perfect MPEG-4 PTZ network camera for your remote monitoring and web casting applications.

Effective and Efficient Remote Network Monitoring

The SNC-RZ25*1 Offers MPEG-4 or JPEG Compression and PTZ (Pan/Tilt/Zoom) in a Single Package



Sony SNC-RZ25

by

Communittech

Specialists in networked audio and video communication.

Offices:
Brisbane, Sydney & Melbourne

IP CAMERAS**FEATURES:****All in one PTZ network camera**

The SNC-RZ25 is equipped with a 100Base-TX/10Base-T network interface and a built-in web server, allowing you to configure the unit in any TCP/IP network. To run the unit, all that is needed is a PC running a web browser and a network environment; no additional software is required. The tilt range of 120°, plus an 18x optical zoom capability.

High Quality Images

Employing the latest 1/4-type Exwave HAD CCD, the SNC-RZ25 delivers exceptional picture quality. Also, because the minimum illumination level is 0.7 lx at F 1.4, the SNC-RZ25 operates extremely well even in low-light conditions.

“Day – Night” Function

The SNC-RZ30 has a number of selectable parameters that make it easy to match the quality of the image with your bandwidth requirements. For example, the SNC-RZ30, which uses the industry-standard JPEG compression format, has a compression ratio selectable between 1/5 and 1/60.

Selectable JPEG or MPEG-4 Compression Formats

The SNC-RZ25 uses the MPEG-4 compression format to achieve high-compression ratios without sacrificing image quality. MPEG-4 allows smooth moving images to be streamed over a wide range of bandwidths so users can monitor high-quality moving images with a minimal delay even over limited bandwidths. The SNC-RZ25 also supports variable bit rates up to 2 Mb/s.

Image size can be selected according to your network requirements.

High Frame Rate

The SNC-RZ25 produces images at a maximum frame rate of 30fps when the image size is 320 x 240 in both MPEG-4 and JPEG modes, producing clear and smooth-moving images. The frame rate can be fixed or set to a variable rate that automatically adjusts to the available bandwidth.

Bi-Directional Audio

The SNC-RZ25 supports both ITU-T G.711 and G.726 audio compression standards. Equipped with an external microphone jack, the SNC-RZ25 can be configured with a microphone so that audio, including sound from distant objects, can be monitored at the camera site. The unit is also equipped with an audio line output for active speakers. Using these speakers, users can send an alert or make an announcement, significantly expanding the possibilities for remote monitoring applications.

SPECIFICATIONS:**Camera**

Image device	1/4 type Interline Transfer Super HAD CCD
Number of effective Pixels	440,000 pixels 752 (H) x 582 (V)
EV compensation	-1.75 to +1.75 (15 steps)
Iris	Auto/Manual (F1.4 to close)
Other functions	Day/Night (Auto/Manual), Image Flip function Motion Detection

Lens

Zoom Ratio	18x optical zoom, 216x with digital zoom
Tilt angle	-90 to +30 degrees
Focal length	f=4.1 mm to 73.8 mm
F-number	F1.4 (wide), F3.0 (tele)
Minimum object distance	300 mm (wide), 800 mm (tele)

System/Network

Protocols	IP(IPv4), ICMP, ARP, TCP/IP(IPv4), ICMP, ARP, TCP/UDP, RTP/RTCP SNMP (MIB-2) DHCP client, NTP client, DNS client, HTTP, FTP, SMTP client
Number of Clients	10 (MPEG-4), 20 (JPEG)

Interface

Ethernet	100Base-TX / 10Base-T (RJ-45)
Serial interface	RS-232C (Transparency function or VISCA protocol)
I/O Ports	Sensor in x2, Alarm out x2
Card Slot	Compact Flash (for SNCA-CFW1 IEEE802.11b Wireless Card or Compact Flash memory card)
Analog Video Output	BNC x1, composite video 1.0 Vp-p, 75
External microphone Input	Mini-jack, 2.4 V DC plug-in power, 4.7 K
Audio line Output	Mini-jack (mono), Max output level: 0.9 Vrms

Image

Image size	640 x 480, 480 x 360, 384 x 288
Both JPEG & MPEG-4	320 x 240, 256 x 192, 160 x 120
Compression format	MPEG-4/JPEG (selectable)
Maximum frame rate	JPEG: 25 fps (320 x 240), 18 fps (640 x 480) MPEG-4: 25 fps (320 x 240), 15 fps (640 x 480)

Analog Video Output

Horizontal resolution	470 TV lines
S/N ratio	More than 50 dB
Min. illumination	Color: 0.7 lx (50IRE, F1.4: AGC on)

General

Mass	1.3 kg (2 lb 14 oz)
Dimensions (W x H x D)	140 x 206 x 148 mm (5 5/8 x 8 1/8 x 5 7/8 inches)
Power Requirements	DC 12 V or AC 24V
Power consumption	17 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)
Operating humidity	20% to 80% Non-condensing
Storage humidity	20% to 95% Non-condensing
Supplied accessories	Ceiling mount kit CD-ROM (user guide, application software) Installation manual