

SONY

SNC-RZ25P

Pan/Tilt Zoom Network Video Camera

Effective and Efficient



Introducing the Sony SNC-RZ25P, MPEG-4/JPEG network camera with PTZ capability. Packaged in a sleek and stylish body, the SNC-RZ25P is ideal for webcasting and remote-monitoring applications almost anywhere from airports to train stations, factories to supermarkets, and from street corners in small towns to big sports arenas.

Remote video monitoring over a network has never been easier. With the SNC-RZ25P, setup is simple and more cost effective than conventional CCTV systems. This is because the network infrastructure is often already in place or it is rapidly becoming standard for new building construction. Once the network connection is established, images from the camera can be efficiently streamed over the network.

Features

All-In-One PTZ Network Camera

The SNC-RZ25P is equipped with a 100Base-TX/10Base-T network interface and a built-in web server. The SNC-RZ25P is PTZ-capable with a pan range of 340°, a tilt range of 120°, plus an 18x optical zoom capability.

Direct Pointing in Panorama View

The SNC-RZ25P can also be controlled by clicking on the panorama* image. Selecting an area on the panorama view will centre that area in the monitor. * The panorama view is a still image. The SNC panorama creator (supplied software) must be run to generate the panorama image.

High-Quality Images

Employing a 1/4-type ExwaveHAD CCD, the SNC-RZ25P delivers exceptional picture quality for your remote monitoring applications. Furthermore, because the minimum illumination level is 0.7 lx at F 1.4, the SNC-RZ25P operates extremely well even in low-light conditions.

Compact Flash™ (CF) Type Card Slot/ Wireless Capability

A built-in expansion slot for Compact Flash cards is integrated into the SNC-RZ25P, enabling you to store additional images on CF media as required. You can also opt to install the SNC-RZ25P in a wireless network to avoid unsightly wires, as the CF type card slot can accept the optional SNCA-CFW1 Wireless Card. This card is IEEE 802.11b compliant.

'Day/Night' Function

The SNC-RZ25P offers a 'Day/Night' function to provide optimised sensitivity in both day and night environments. As the scene darkens, the infrared cut-filter is automatically replaced with a clear filter and the camera switches to B/W mode, requiring a minimum illumination of less than 0.01 lx. Three modes can be set: automatic, manual, or a timer mode.

Selectable MPEG-4 or JPEG Compression Formats

The SNC-RZ25P 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 minimal delay - even over limited bandwidths. The SNC-RZ25P supports variable bit rates up to 2 Mb/s. Transmission protocols (TCP or UDP) and image size can be selected to meet your network environment and application requirements.

High Frame Rate

The SNC-RZ25P produces images at a maximum frame rate of 25 fps 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-RZ25P supports both ITU-T G.711 and G.726 audio compression standards. Equipped with an external microphone jack, the SNC-RZ25P 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.

Benefits

All-In-One Pan-Tilt-Zoom Network Camera

The SNC-RZ25P is PTZ-capable with a pan range of 340°, a tilt range of 120°, plus an 18x optical zoom capability allowing you to locate any position in the viewable area.

Excellent performance under low light conditions

Sony ExwaveHAD technology allows the SNC-RZ25P to give outstanding performance in monitoring and surveillance applications dealing with very low light conditions.

MPEG-4 video compression reduces transmission bandwidth requirements

The SNC-RZ25P allows you to select M-JPEG or MPEG-4 compression format to achieve high-compression allowing smooth moving images to be streamed over a wide range of bandwidths.

Getting the complete picture thanks to bi-directional audio

Equipped with a microphone input, the SNC-RZ25P can be configured with a microphone so that audio, including sound from distant objects, can be monitored at the camera site. Users can send an alert or make an announcement to the audio line output, significantly expanding the possibilities for remote monitoring applications.

Monitoring day and night

The SNC-RZ25P offers a 'Day/Night' function to provide optimised sensitivity in both day and night environments. As the scene darkens the camera switches to B/W mode, requiring a minimum illumination of less than 0.01 lx.

Unattended operation thanks to built-in motion detection

The built-in motion detection function (MPEG-4) enables you to keep easily track of activity on site while not actively monitoring. The camera can be set to automatically store or send pictures when motion is being detected.

Wireless transmission for areas where cabled network coverage is difficult or non-existent

A built-in expansion slot accepts an optional wireless Compact Flash card enabling you to install the SNC-RZ25P in a wireless network to avoid unsightly wires.

User-Friendly GUI - No separate monitoring software required

The SNC-RZ25P has a user-friendly GUI accessible via a PC running the Microsoft® Internet Explorer® browser software. Set-up is very easy with the intuitive icons and pull-down menus. Directly pointing to and clicking on any part of the monitor image in the viewer will pan and tilt the camera so that the selected point is centered.

Technical Specifications

General

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
Mass	1.3 kg (2 lb 14 oz)

Supplied Accessories

Installation manual
 CD-ROM (user guide, application software)
 Ceiling mount kit

Accessories

Mounting Hardware



SNCA-WM20G

Wall mount for dome camera housings



SNCA-CA2

Corner mount adapter



SNCA-PM3

Pole mount adapter



SNCA-CEILING

Mounting coupling for pendant applications