SONY

SNC-RS46N

SD (NTSC) Rapid Dome Camera

Overview

New Feature Rich PTZ Dome from Sony

Designed for internal use, the SNC-RS46N PTZ dome camera delivers excellent picture quality at D1 Resolution. This level of clarity combined with state-of-the-art image processing and a high speed panning capability make the RS46P one of the most effective CCTV cameras on the market. With a total tilt range of 210° and a 360° endless high-speed panning capability, it can cover a wide monitoring area quickly and in a high level of detail. This capability makes it an obvious choice for mission critical CCTV applications including airport/border and traffic surveillance.

Installation and servicing time is reduced by a newly developed base, with a Quick Release Mechanism, which means the camera can be installed or detached quickly. HPoE (High Power over Ethernet) capability and support for multiple codecs provides ultimate flexibility for system design, integration and installation.

SNC-RS Series Cameras also feature ONVIF (Open Network Video Interface Forum) compliance for easy interoperability with IP monitoring products from a variety of manufacturers.

Capture Everything

Sony's PTZ network dome cameras deliver clear and crisp CCTV images with a level of detail never seen before. In combination

with advanced image processing technology, the SNC-RS46N provides enhanced levels of security even under the most challenging lighting conditions. It also provides the option to cover more area with fewer cameras, depending upon your operational requirements.

Enhanced viewing range

An extended tilt range provides greater viewing flexibility, especially when viewing in zoom.

Simple to install, easy to maintain

The camera can be installed or detached quickly and easily thanks to its newly developed base, which greatly reduces installation and servicing time and costs.

High flexible network capability

Enjoy extraordinary operational flexibility using the ideal compression format for differing image and network types (JPEG for high-quality still images; MPEG-4 and H.264 for clear, moving images over bandwidth- limited networks).

ONVIF compliance offers the optimum in system flexibility.

Compliance with ONVIF Open Network Video Interface Forum) ensures interoperability and maximum flexibility between a wide range of manufacturers' network video products.

Features

Improved performance in challenging lighting conditions

Sony's Visibility Enhancer technology improves performance in challenging lighting conditions, for example high-contrast environments, such as casinos and highways that had previously been difficult to monitor. The Visibility Enhancer's advanced system suppresses extreme whites and boosts dark areas in a scene simultaneously and dynamically, to produce clearer

images on the screen.

Clear low-light images

XDNR (Excellent Dynamic Noise Reduction) technology virtually eliminates image blur in low-light conditions, enabling users to clearly capture images that have not been easy to portray in the past. It also overcomes the problems associated with many competitor camera models. What's more, when both XDNR and Visibility Enhancer are turned on, the cameras can achieve four times the sensitivity compared to when they are off. This technology is ideal for any outdoor surveillance monitoring, such as in a car park at night.

Powerful optical zoom

36X optical zoom delivers greater flexibility in finding and tracking targets. 12x digital zoom capability providing a total zoom ratio of 432x

Wider vertical viewing range

A 210° tilt angle allows a wider vertical viewing range, whilst 400°/sec pan/tilt speed and 360° continuous rotation allows users to find and track targets quickly and easily. The E-flip feature provides seamless viewing.

Quick Release Mechanism

A new base design, incorporating a Quick Release Mechanism, makes installation and servicing faster and easier.

High Power over Ethernet capability (IEEE802.3at)

Supporting high Power over Ethernet (hPoE), the SNC-RS Series can be powered using the same Ethernet cable it uses for data transfer. This feature greatly reduces the physical infrastructure costs and speed of deployment. (Available with version 1.2 or later software.)

Triple Codec Network Operation

This multi-codec camera supports three compression formats: JPEG, the best choice of high-quality still images; MPEG-4, the format that provides clear moving images efficiently over limited-bandwidth networks; and H.264, the alternative for severely limited-bandwidth networks, providing twice the efficiency of MPEG-4. The camera can generate JPEG and MPEG-4 images simultaneously

ONVIF Compliant

The ONVIF (Open Network Video Interface Forum) defines a common protocol for the exchange of information between network video devices including automatic device discovery, video streaming and intelligence metadata. Allows interoperability between network video devices.

Tamper Alarm

When an attempt is made to tamper with the camera, such as spray-painting the lens, the SNC-RS Series detects this and triggers an alarm. This event can also be used to activate the camera relays, or even to start the Voice Alert function.

Advanced Audio Detection

Unlike conventional audio detection where an alarm is triggered based on a preset audio level, the SNC-RS Series triggers its alarms based on ambient sound conditions as the threshold. The camera stores and updates ambient audio levels and frequencies, and when the threshold level based on this data, is surpassed, an alarm is triggered. (Available with version 1.1 or later software.)

Audio Message Alert

The camera can store up to three pre-recorded audio alert messages which may be played via an active speaker upon manual or automatic initiation.

Audio Echo Cancellation

This feature removes the echo frequently encountered between

the operator and remote site audio systems when speakers and microphones are used.

Support for IPv6

The SNC-RS Series supports Internet Protocol Version 6 (IPv6).

Local Storage / Wireless Capability

The SNC-RS Series has a Compact Flash (CF) slot. This can be used either with a CF memory card for local video storage, or for wireless capability. The SNCA-CFW5 (802.11b/g) CF type wireless LAN card is supported.

Gallery