Sony SNC-CH140 12vdc/24vac Colour 1.4MP Vari-Focal IP Full Body Camera

- ✓ 720P Dual-Stream
- ✓ Exmor CMOS Sensor
- ✓ H.264,MPEG4,JPEG
- ✓ 0.2Lux Colour,0.1Lux B/W
- ✓ AGC
- ✓ ATW-Pro
- ✓ DNR
- ✓ EV Compensation
- ✓ Power 9W
- ✓ PoE/BNC/Power Options

The SNC-CH140 HD fixed network camera delivers excellent picture quality at HD resolution (1280x720, 30 fps) in 16:9 aspect ratio. This level of clarity combined with state-of-the-art image processing make the CH140 one of the most effective CCTV cameras on the market.. This capability makes it an obvious choice for mission critical CCTV applications including airport/border and traffic surveillance.

Installation is quick and easy, thanks to the newly developed Easy Focus function which automatically adjusts to the native surroundings.

PoE (Power over Ethernet) capability and support for multiple codecs provides ultimate flexibility for system design, integration and installation.

SNC-CH140 also features ONVIF (Open Network Video Interface Forum) compliance for easy interoperability with IP monitoring products from a variety of manufacturers.

CMOS image sensor for HD picture quality

Sony's HD CMOS image sensor provides excellent picture quality at all resolutions up to 1280x1024 including HD resolution (1280 x 720 pixels) in 16:9 aspect ratio. The full potential for sharp, clear HD images is ensured thanks to XDNR noise reduction,visibility enhancer (VE) and View -DR systems.

View-DR technology for a high contrast ratio

With Sony's View-DR innovation, you can achieve a high contrast ratio of 125dB. This ensures realistic tonal detail, and state-of-the-art image enhancement with a wide, dynamic range capability.

Visibility Enhancer for improved performance in challenging lighting conditions

Sony's visibility enhancer technology (VE) 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.

XDNR technology for 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.

Easy Focus function

The Easy Focus function is an automatic focus function activated by a dedicated button on the camera body/web interface.

Power over Ethernet capability (IEEE802.3af)

Supporting Power over Ethernet (PoE), the SNC-CH140 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.

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 multiple streams 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 and video streaming. 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-CH140 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-CH140 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.)

Support for IPv6

The SNC-CH140 supports Internet Protocol Version 6 (IPv6).

Local Storage / Wireless Capability

The SNC-CH140 has a compact flash (CF) slot. This can be used either with a CF memory card for local video storage using RTP/RTCP protocol for backup purposes, or the optional SNCA-CFW5 (802.11g) CF type wireless LAN card can be used to provide a wireless capability.