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SNC-CH210

A HD compact multi-codec camera that can fit almost anywhere, yet is bursting with innovative features

Designed for a compact budget, this space-saving camera has several top-end features, making it an obvious choice for a wide range of surveillance applications.

The SNC-CH210 not only captures pristine HD images, but it provides users with a new way to use them; with 'Stream Squared' technology. This is a function that allows simultaneous streaming of two user-selectable SD resolutions. This means it can stream a wide angle view and a close-up shot at the same time. It is perfect for keeping a close eye on trouble spots and keeping the wider picture in sight.

With a 3 megapixel (2048x1536) Exmor CMOS sensor, three industry-standard codecs and Power over Ethernet (PoE) capability this is a great choice for an unobtrusive, easy to install and powerful network security camera.

This product comes with the full PrimeSupport package. That's fast, hassle-free repairs, a helpline offering expert technical advice, and a free loan unit while yours is repaired. Plus the peace of mind that Sony is looking after your equipment – and your business.

Features

Excellent HD picture quality with 1080p resolution at 30fps
Exmor CMOS Sensor
Stream Squared function: two views from one camera
Supports multiple industry standard codecs: H264, MPEG-4 and JPEG with dual streaming capability
Innovative design: compact, slim and with two body colours
Power over Ethernet (PoE) capability
ONVIF (Open Network Video Interface Forum) compliance

Benefits

Excellent HD picture quality
Very high resolution images with a full 30fps available at 1080p resolution. Higher resolution images mean more detail in the picture and progressive video leads to better images after compression

Exmor CMOS Sensor
High resolution CMOS sensor with low noise characteristics for improved image acquisition. Derived from Sony's broadcast product range, Exmor is one of the highest quality image sensors available

Stream Squared function
An incredibly useful function that allows simultaneous streaming of two 4:3 aspect ratio videos in user-selectable SD resolutions. You can select the entire image or a portion of the image from the original view and resize to SD resolution. With this feature theh SNC-CH210 can replace two SD cameras installed in the same line of view.

Supports multiple industry standard codecs: H264, MPEG-4 and JPEG with dual streaming capability
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.

Innovative design
A compact, unobtrusive design available in two body colours, designed to blend in with its surroundings.

Power over Ethernet (PoE) capability
Supporting Power over Ethernet (PoE), the SNC-CH210 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

ONVIF (Open Network Video Interface Forum) compliance

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.

Technical Specifications

General

Dimension (W x H x D)	44 x 93 mm (1 3/4 x 3 3/4 inches)
Power requirements	PoE
Storage Temperture	-20 to +60 °C (-4 to +140 °F)
System requirements	"Operating Windows XP, Windows Vista, Windows 7 Processor Intel Core2 Duo 2 GHz or higher Memory 1 GB or more Web browser Microsoft Internet Explorer Ver6.0, 7.0, or 8.0"

Camera

Image Device	1/2.8 type progressive scan "Exmor" CMOS sensor
Number of effective pixels (H x V)	3 Megapixel, (2096 × 1561) (Tentative
Electronic shutter speed	1s to 1/10000s
Gain control	Auto
Exposure control	Auto Slow Shutter
White balance mode	Auto, Preset, One-Push WB, Manual
Lens type	Fixed
Horizontal viewing angle	Approx 90 degree
Focal length	f=3.3 mm
F-number	F2.8

Camera Features

Day/Night *3	Yes (electrial D/N)

Image

Codec image size (H x V)	2048x1536 (JPEG Only), 1920x1080, 1600x1200, 1680x1050, 1440x900, 1280x1024, 1280x960, 1366x768,1280x800, 1280x720, 1024x768, 1024x576, 768x576,720x576, 704x576, 800x480, 720x480, 640x480, 640x360,384x288, 320x240, 320x180 (H.264, MPEG-4, JPEG)

Video compression format	H.264, MPEG-4, JPEG
Codec streaming capability	Dual Streaming
Maximum frame rate	H.264: 12fps (1920×1080) (TBD) / 30 fps (1280 x 720), MPEG-4: 15fps (1920×1080) (TBD) / 30 fps (1280 x 720), JPEG: 7fps (2048×1536) (TBD) / 30 fps (1280 x 720)

Scene Analytics

Intelligent motion detection	Yes
Tamper Alarm	Yes

Network

Protocols	IPv4, IPv6, TCP, UDP, ARP, ICMP, IGMP, HTTP, HTTPS, FTP (client/server), SMTP, DHCP, DNS,NTP, RTP/RTCP, RTSP, SNMP (MIB-2)
ONVIF compliance	Yes
Authentication	IEE802.1x

Analog Video Output

Signal system	NTSC/PAL

Interface

Ethernet	10BASE-T / 100BASE-TX (RJ-45)
Serial interface	No
Card Slots	No
Analog Video Output	Mini Jack
Sensor Input	x1