

SNC-CH210

Compact 1080p/15 fps
Camera - X Series



Overview

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

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

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.

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

Specifications

Camera

Image Sensor	1/2.8 type progressive scan "Exmor" CMOS sensor
Number of Effective Pixels	Approx. 3 Megapixels
Signal System	NTSC color system/PAL color system (switchable)
Sync System	Internal synchronization
Minimum Illumination (50 IRE)	2.0 lx (AGC 38 dB / 50 IRE)
Minimum Illumination (30 IRE)	1.5 lx (AGC 38 dB / 30 IRE)
Gain	Auto
Shutter Speed	1 s to 1/10000 s
Exposure Control	Auto, EV Compensation, Auto Slow Shutter
White Balance	Auto(ATW, ATW-PRO) , Preset, One-push WB, Manual
Lens	fixed
Powered Zoom	No
Easy Zoom	No

Powered Focus	No
Horizontal Viewing Angle	88°
Focal Length	f = 3.3 mm
F-Number	F2.8
Minimum Object Distance	500 mm
IR Illuminator	No

Camera Features

Day/Night	Electronic D/N
Wide-D	No
Tone Correction	No
Noise Reduction	NR
Image Stabilizer	No
Vandal Resistant	No
Ingress Protection	No

Video

Resolution	2048x1536(JpegOnly), 1920x1080, 1600x1200, 1680x1056, 1440x912, 1280x1024, 1280x960, 1376x768, 1280x800, 1280x720, 1024x768,
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1024x576, 768x576,
720x576, 704x576, 800x480,
720x480, 640x480, 640x368,
384x288, 352x288, 320x240,
320x192, 176x144

Compression Format	H.264, MPEG-4, JPEG
Maximum Frame Rate	JPEG: 12 fps (2048x1536)/15 fps (1920x1080)/30 fps (1280x720) MPEG-4: 15 fps (1920x1080)/30 fps (1280x720) H.264: 15 fps (1920x1080)/30 fps (1280x720)
Multi streaming Capability	Dual streaming*1
Number of Clients	5

Intelligent Video/Audio Analytics

Analytics Architecture	DEPA
Intelligent Motion Detection	Yes

System Requirements

Operating System	Microsoft Windows XP Windows Vista (32 bit) Windows 7 (32 bit, 64 bit)
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Processor	Intel Core2 Duo 2 GHz or higher
Memory	1 GB or more
Web Browser	Microsoft Internet Explorer Ver. 6.0, Ver. 7.0, Ver. 8.0 Firefox Ver. 3.5 (plug-in free viewer only) Safari Ver. 4.0 (plug-in free viewer only) Google Chrome Ver.4.0 (plug-in free viewer only)

Network

Protocols	IPv4, IPv6, TCP, UDP, ARP, ICMP, IGMP, HTTP, HTTPS, FTP (client only), SMTP, DHCP, DNS, NTP, RTP/RTCP, RTSP, SNMP (MIB-2)
Number of IP Address/Mac ADDRESS	1
ONVIF Conformance	Profile S
Wireless Network	No
Authentication	IEEE802.1X

Interface

Alarm Input (Sensor Input)	x1
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USB Slots	No
General	
Power Requirements	IEEE 802.3af compliant (PoE) Class 1
Power Consumption	2.4 W
Operating Temperature	0 to +50°C +32°F to +122°F
Storage Temperature	-20 to +60°C -4 to +140°F
Operating Humidity	20% to 80%
Storage Humidity	20% to 95%
Dimensions*2	φ44 x 93 mm φ1 3/4 x 3 3/4 inches
Mass	100 g
Safety Regulations	UL2044, FCC 15B Class A, IC Class A, IEC60950-1, EN55022(A)+EN55024+EN50130-4, VCCI Class A, C-Tick Class A
Supplied Accessories	CD-ROM (User's Guide, and supplied programs) (1) Installation Manual (1) B&P warranty booklet (1) Front sheet (with logo) (1) Front sheet (without logo) (1)

Sensor input cable (1)

Footnotes

*1	Dual streaming (Any combination with JPEG/MPEG-4/H.264, including multiple streams of the same format)
*2	The values for dimensions are approximate.

Related products



SNCA- WMFI10PC

Wall/Ceiling camera bracket



UNI- XBS1/T

Silver bracket for SNC-CH110S and SNC-CH210S

Gallery













