

SNC-DH210

X Series compact mini-dome HD (1080p) resolution network security camera



The SNC-DH210 is an indoor high definition (1080p, supporting H.264 at 15fps) 3 Megapixel (2048 x 1536 maximum resolution) compact mini-dome camera with Electrical Day/Night function, DEPA and ONVIF compliance. It supports dual streaming and triple codec encoding.

Sony's Exmor CMOS sensor provides excellent pictures and event detection for effective evidence gathering.

Sony's X-Series cameras have outstanding picture quality and a compact, affordable, stylish design.

1-year PrimeSupport is included as standard within the EU, Norway and Switzerland. This gives users access to an expert helpdesk and, in the unlikely event of a failure, will arrange for an advance replacement unit to be delivered within a target time of one working day. An additional 2-years support is also available as an option.

Features

Compact and Stylish design

A compact, stylish and discreet design that complements any surveillance environment.

DEPA

The SNC-DH210 offers intelligent video analytics, based on the Sony DEPA platform. DEPA is a combined function of the intelligence built in to the camera and rules/filters that determine which images should be recorded or when an alarm should be triggered.

EXMOR® and 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.

Power over Ethernet (PoE) capability

Supporting Power over Ethernet (PoE), the camera 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.

Full HD (1920x1080p) resolution

Detailed Full HD progressive images. Progressive acquisition (as opposed to interlace) means that images are more stable to view, contain more information and compress more efficiently - without "interlace artifacts".

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.

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 the SNC-DH220 can replace two SD cameras installed in the same line of view.

Electrical Day/Night

Ensures that the camera is operating with the optimum sensitivity for both day and night conditions.

Analogue Monitor Output

This allows an analogue video monitor to be connected directly to the camera.

Technical Specifications

Camera	
Image device	1/2.8 type progressive scan "Exmor" CMOS sensor
Minimum illumination	2.0 lx / AGC(38db)/ 50IRE(IP)
Number of effective pixels (H x V)	3Megapixel (2096×1561)
Electronic shutter speed	1s to 1/10000 s
Gain control	Auto
Exposure control	Auto, EV Compensation, Auto Slow Shutter
White balance mode	Auto(ATW, ATW-PRO), Preset, One-push WB, Manual
Lens type	fixed
Horizontal viewing angle	88 degrees
Focal length	f=3.3
F-number	F2.8
Minimum objects distance	500 mm
Pan angle	Approx. 340°
Tilt angle	0° to 60°

Camera Features	
Day/Night	Yes (electrical D/N)
Noise reduction	Yes

Image	
Codec image size (H x V)	2048×1536 (Jpeg Only), 1920×1080, 1600×1200, 1680×1056, 1440×912, 1280×1024, 1280×960, 1376×768, 1280×800, 1280×720, 1024×768, 1024×576, 768×576, 720×576, 704×576, 800×480, 720×480, 640×480, 640×368, 384×288, 352×288, 320×240, 320×192, 176×144
Video compression format	H.264, MPEG-4, JPEG
Codec streaming capability	Dual streaming
Maximum frame rate	JPEG:12fps (2048×1536) /15fps(1920×1080) /30fps: (1280×720) MPEG-4 / H.264: 15fps (1920×1080) / 30fps (1280×720)

Scene Analytics	
Intelligent motion detection	Yes

Network	
Protocols	IPv4, IPv6, TCP, UDP, ARP, ICMP, IGMP, HTTP, HTTPS, FTP (client), SMTP, DHCP, DNS, NTP, RTP/RTCP, RTSP, SNMP (MIB-2)
ONVIF conformance	Yes (Version 1.01)
Number of clients	5
Authentication	IEEE802.1X

Analog Video Output	
Signal system	NTSC / PAL

Interface	
Ethernet	10BASE-T / 100BASE-TX (RJ-45)
Analog monitor output	AV Mini Jack
Sensor input	x 1

General	
Mass	160 g (5.6 oz)
Dimensions	106 x 50.5 mm (4 1/4 x 2 inches)
Power requirements	PoE
Power consumption	2.4W
Working temperature	0 °C to 50 °C (32°F to 122°F)
Storage temperature	-20 °C to +60 °C (-4°F to +140°F)
Safety regulation	UL2044, FCC 15B Class A, IC Class A, IEC60950-1, EN55022(A)+EN55024+EN50130-4, VCCI Class A, C-Tick Class A

System Requirements	
Operating system	WindowsXP, WindowsVista (32bit), Windows7 (32bit)
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 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)

Supplied Accessories

Supplied Accessories	CD-ROM (User's Guide, SNC Toolbox, RSM-Lite), Installation manual, B&P Warranty Booklet, Sensor input cable, Template
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Notes

Notes	* The SNC-DH210 includes software developed by the OpenSSL Project for use in the OpenSSL Toolkit (http://www.openssl.org/).
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