

SNC-DH210T

Compact 1080p/15 fps
Camera - X Series



Overview

The SNC-DH210T is a vandal-resistant compact indoor high definition (1080p, supporting H.264 at 15fps) 3 Megapixel (2048 xx 1536 maximum resolution) minidome camera with Electronic Day/Night, DEPA and ONVIF compliance. It supports dual streaming and triple codec encoding.

The camera'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.

Features

Compact and Stylish design

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

HD (1080p) 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 artefacts".

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 the SNC-DH210T can replace two SD cameras installed in the same line of view.

Triple Codec Network Operation

This multi-codec camera supports three compression formats: JPEG, the best choice of high-quality still images

DEPA

The SNC-DH210T 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.

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.

Electronic Day/Night function

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.

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)	2.3 lx (AGC(38db) / 50 IRE)
Minimum Illumination (30 IRE)	1.7 lx (AGC(38db) / 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	86°
Focal Length	f = 3.3 mm
F-Number	F2.8
Minimum Object Distance	500 mm
Pan/Tilt/Rotation Angle (manual)	Approx. 340°/60°
IR Illuminator	No

Camera Features

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

Vandal Resistant IK10

Ingress Protection No

Video

Resolution 2048x1536(JpegOnly),
1920x1080, 1600x1200,
1680x1056, 1440x912,
1280x1024, 1280x960,
1376x768, 1280x800,
1280x720, 1024x768,
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
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Intelligent Motion Detection	Yes
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Audio

Compression Format	No
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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
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Memory	1 GB or more
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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)
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Network

IPv4, IPv6, TCP, UDP, ARP, ICMP, IGMP, HTTP, HTTPS, FTP

Protocols	(client), 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

Analog Monitor Output for Setup	AV MiniJack
Network Port	10BASE-T/100BASE-TX (RJ-45)
Alarm Input (Sensor Input)	x1
Alarm Output	No
USB Slots	No

General

Power Requirements	IEEE 802.3af compliant (PoE) Class 1
Power Consumption	2.4 W
Operating	0 to +50°C

Temperature	+32°F to +122°F
Storage Temperature	-20°C to +60°C -4°F to +140°F
Operating Humidity	20% to 80%
Storage Humidity	20% to 95%
Dimensions (W x H x D)*2	φ106 x 56.5 mm φ4 1/4 x 2 1/4 inches
Mass	170 g (without cable)
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, SNC Toolbox,RSM-Lite) (1) Installation Manual (1) B&P warranty booklet (1) Sensor input cable (1) Template (1)

Notes

*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.

Gallery





