SONY

SNC-DH110

Compact 720p/30 fps Camera - X Series



Overview

The SNC-DH110 is an indoor high definition (720p, supporting H.264 at 30fps) 1.3 Megapixel (1280 x 960 maximum resolution) compact minidome camera with Electronic Day/Night function, DEPA and ONVIF compliance. It supports dual streaming and triple codec encoding.

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.

DEPA
The SNC-DH110 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.

HD (720p) resolution
Detailed 720p 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".

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

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-DH110 can replace two SD cameras installed in the same line of view.

Electronic 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.

Specifications

Camera	
Image Sensor	1/3.8-type CMOS sensor
Number of Effective Pixels	Approx. 1.3 Megapixels
Signal System	NTSC/PAL (switchable)
Sync System	Internal synchronization
Minimum Illumination (50 IRE)	Color: 5.0 lx (F2.8, AGC (Max.), 1/30 s)
Minimum Illumination (30 IRE)	Color: 2.7 lx (F2.8, AGC (Max.), 1/30 s)
Gain	Auto
Shutter Speed	1/2 s to 1/10,000 s
Exposure Control	Auto, EV Compensation, Auto Slow Shutter
White Balance	Auto(ATW, ATW-PRO) , Preset, One-push WB, Manual
Lens	Fixed lens
Zoom Ratio	Digital zoom 3x Total zoom 3x
Horizontal Viewing Angle	80.7°
Vertical Viewing Angle	63.3°
Viewing Tilt Angle	88.7°
Focal Length	f = 2.34 mm
F-Number	F2.8
Minimum Object Distance	500 mm

Camera Features	
Day/Night	Electronic D/N
e-Flip	YES

Camera Features

Noise Reduction	NR
Superimpose Number	2 independent positions for characters (Codec, Date & Time, Event, Text (Max. 64 characters)), 1 independent position for a logo mark
Superimpose Language	English
Menu Language	English, Japanese, Chinese (simplified), Chinese (traditional), French, Spanish, German, Italian, Korean, Portuguese
Smartphone viewer	Yes

Video

Resolution	1280x960, 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	H.264: 30 fps (1280x960) MPEG-4: 30 fps (1280x960) JPEG: 30 fps (1280x960)
Range of Bit Rate Setting	64K to 8 Mbps
Solid PTZ	Yes
Adaptive Rate Control	H.264
Bandwidth Control	JPEG
Multi streaming Capability	Dual streaming *1
Number of Clients	5

Intelligent Video/Audio Analytics

Analytics Architecture	DEPA
Intelligent Motion Detection	Yes
Tamper Alarm	Yes

System Requirements

Operating System	Microsoft Windows XP Windows Vista (32 bit) Windows 7 (32 bit, 64 bit)
Processor	Intel Core2 Duo 2 GHz or higher
Memory	1 GB or more

System Requirements

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)
SNC toolbox	Yes
SNC toolbox mobile	Yes

Network

Protocols	IPv4, IPv6, TCP, UDP, ARP, ICMP, IGMP, HTTP, HTTPS, FTP (client), SMTP, DHCP, DNS,NTP, RTP/RTCP, RTSP, SNMP (MIB-2)
Number of IP Address/Mac ADDRESS	1
QoS	DSCP
Multicast Streaming Support	Yes
ONVIF Conformance	Profile S
Authentication	IEEE802.1X

Interface

Analog Monitor Output for Setup	AV MiniJack
Network Port	10BASE-T/100BASE-TX (RJ-45)
Alarm Input (Sensor Input)	x1

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 °C to + 60 °C -4 °F to + 140 °F
Operating Humidity	20 % to 80 %
Storage Humidity	20 % to 95 %
Dimensions *2	ϕ106 x 50.5 mm ϕ4 1/4 x 2 inches
Mass	160 g (without cable)

General	
External Material	Lens Cover: PC+ABS Top cover: AL Die-cast Top cover ring: PC+ABS Lower case: PC+ABS
External Color	Top cover: Munsell 1.5B 1.97/0.34 for Black model Top cover: Munsell 8.5GY 8.2/0.2 for White Model Lens Cover: Munsell 5.2PB 1.9/0.2 Top cover ring: Munsell 5.2PB 1.9/0.2 Lower case: Munsell 5.2PB 1.9/0.2
Safety Regulations	JATE Technical Standard (LAN) UL2044, IEC60950-1（CB) VCCI Class B, FCC Class B, IC Class B Emission: EN55022 (Class B) + EN50130-4 Immunity: EN55022 (Class B) + EN55024 Emission: AS/NZS CISPR22 (Class B)
Supplied Accessories	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



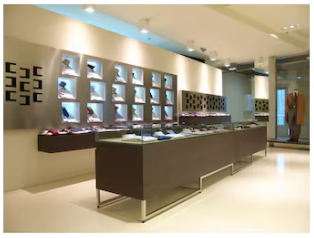






















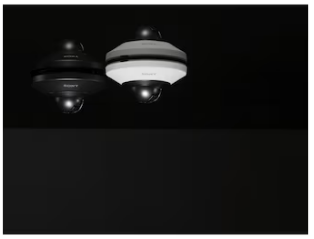




































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