SNC-CH110
Network HD Camera — X Series

SONY
make.believe

Compact and Affordable HD Security Camera

- Excellent 720p HD picture quality, supporting H.264 at 30 fps

- 1.3 Megapixel (1280 x 960) maximum resolution

- Three codecs (H.264, MPEG-4, JPEG) and dual streaming capability

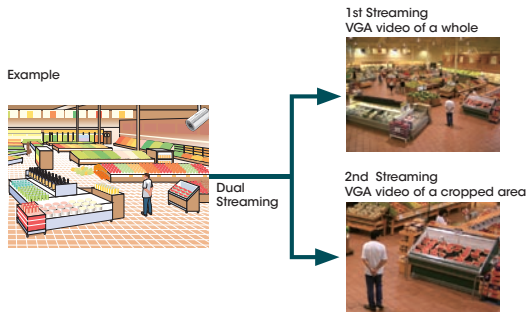- 1/3.8 type progressive scan CMOS sensor incorporated to deliver high image quality

HD 1.3M MEGAPIXEL

KEY FEATURES

- Compact and stylish design for discreet surveillance.

- Electrical Day/Night function to switch to Day or Night mode depending on the light level.

- Stream Squared function allows simultaneous streaming of two 4:3 aspect ratio videos in user selectable SD resolutions. User can select the entire image or a portion of the image from the original field of view and resize to SD resolution or lower for each stream. With this feature the SNC-CH110 can replace two SD cameras installed in the same line of view.

Example

Dual Streaming

1st Streaming
VGA video of a whole

2nd Streaming
VGA video of a cropped area

- Intelligent Motion Detection that supports DEPA™ analytics.

DEPA

- Analog monitor output (AV mini jack).

- Powered by PoE (Power over Ethernet) for simple installation.

- Recording software (RealShot™ Manager Lite) is bundled to start recording and monitoring instantly.

- ONVIF™ (Open Network Video Interface Forum) Version 1.01 software that ensures greater interoperability and more flexibility in building multiple-vendor systems.

ONVIF

IPELA™

SPECIFICATIONS

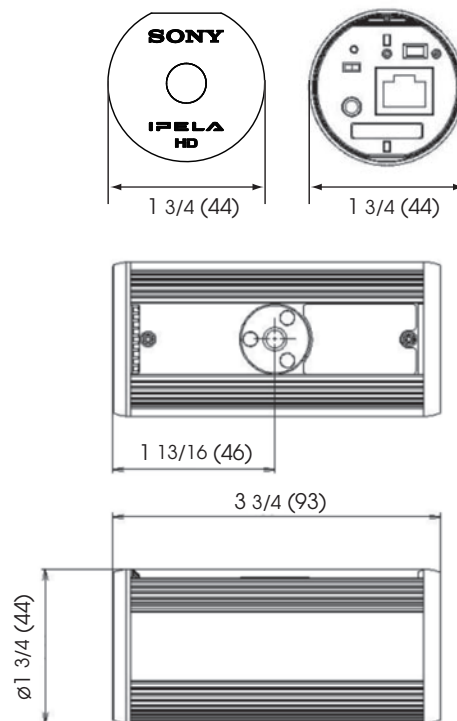|	SNC-CH110
Camera	
Image device	1/3.8 type CMOS sensor
Minimum illumination	5.0 lx / AGC 30dB / 50IRE [IP]
Number of effective pixels (H x V)	1.3 Megapixel (1296×985)
Electronic shutter speed	1/2 s to 1/10000 s
Gain control	Auto
Exposure control	Auto, EV Compensation, Auto Slow Shutter
White balance mode	Auto(ATW, ATW-PRO), Preset, One-push WB, Manual
Lens type	fixed
Horizontal viewing angle	80.7 degrees
Focal length	f=2.34
F-number	F2.8
Minimum object distance	500 mm
Camera Features	
Day/Night	Yes (electrical D/N)
Noise reduction	Yes
Image	
Codec image size (H x V)	1280x960, 1280x720, 1024x768, 1024x576, 768x576, 720x576, 704x576, 800x480, 720x480, 640x480, 640x368, 384x288, 352x288, 320x240, 320x192, 176x144
Video compression format	H.264, MPEG-4, JPEG
Codec streaming capability	Dual streaming
Maximum frame rate	JPEG / MPEG-4 / H.264: 30fps (1280×960 / 1280x720)
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 software	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	
Weight	3.5 oz (100 g)
Dimensions	ø 1 3/4 x 3 3/4 inches (ø 44 x 93 mm)
Power requirements	PoE
Power consumption	2.4W
Working temperature	32°F to 122°F (0°C to 50°C)
Storage temperature	-4°F to +140°F (-20°C to +60°C)
Safety regulation	UL2044, FCC 15B Class B, IC Class B, IEC60950-1, EN55022(B)+EN55024+EN50130-4, VCCI Class B, C-Tick Class B
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	
	CD-ROM (User's Guide, SNC Toolbox-RSM-Lite), Installation manual, B&P warranty booklet, FrontSheet (with logo), FrontSheet (without logo), Sensor input cable

* The SNC-CH110 includes software developed by the OpenSSL Project for use in the OpenSSL Toolkit (http://www.openssl.org/).

SYSTEM CONFIGURATION
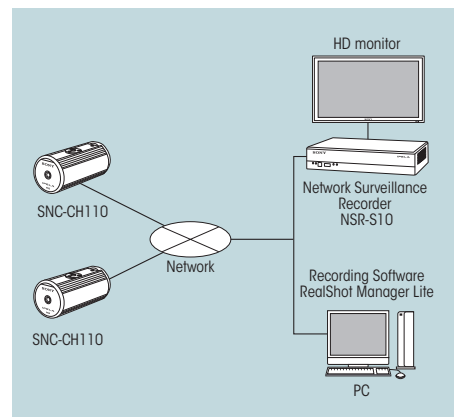
DIMENSIONS

Unit: inches (mm)

1 3/4 (44)   1 3/4 (44)

1 13/16 (46)

3 3/4 (93)

ø 1 3/4 (44)