SNC-CH260

Network HD Bullet Camera — E series
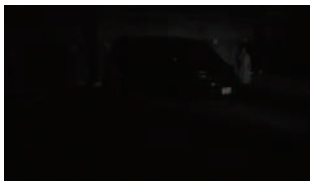
SONY
make.believe

Outdoor IP66 1080p HD Security Camera with IR Illuminators

■ Excellent 1080p HD picture quality, supporting H.264 at 30 fps

■ 3 Megapixel (1920 x 1440) maximum resolution

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

■ Exmor™ CMOS sensor incorporated to deliver high image quality and low noise

■ Dynamic range better than 60 dB

Full HD 1080   3M MEGAPIXEL

KEY FEATURES

- Built-in IR (Infrared) illuminators to assist capturing objects in the dark even under 0 lx, up to 59 feet (18 m) (50 IRE) away. Adaptive IR auto adjusts IR level for best picture.

OFF   ON

Actual images of one of Sony's HD cameras with IR illuminators.

- IP66-rated water-resistant and dust-tight feature for outdoor surveillance, or indoor where water ingress may pose an issue.

- Easy Focus / Easy Zoom functions to remotely change the field of view and focus.

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

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

- 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 VGA resolution or lower for each stream. With this feature, the SNC-CH260 can replace two standard definition 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

- Equipped with a phono jack to instantly monitor the video while installing the camera.

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

- Equipped with a built-in heater for continued camera operation in cold weather supported (-22°F to +122°F/ -30°C to +50°C)

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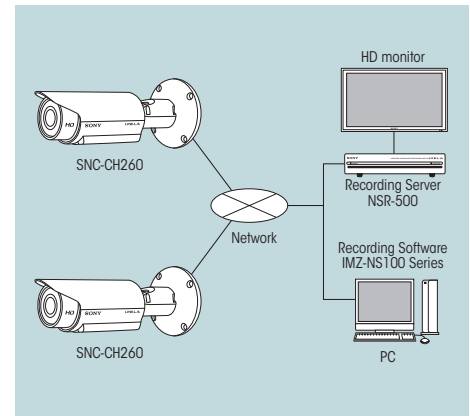
ONVIF

IPELA™

SPECIFICATIONS

SNC-CH260	
Camera	
Image device	1/2.8 type progressive scan Exmor CMOS sensor
Minimum illumination	Color: 0.70lx lx, B/W: 0 lx (IR ON) (F1.2/ AGC 42dB / 50IRE [IP])
Dynamic range	Better than 60 dB
Number of effective pixels (H x V)	Approx. 3.27Megapixel (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	Buil-in Vari-focal lens
Zoom ratio	Optical 2.9X (x2 Digital Zoom)
Horizontal viewing angle	88.5 degrees to 32.3 degrees
Focal length	f=3.1 mm to 8.9 mm
F-number	F1.2 (Wide), F2.1 (Tele)
Minimum object distance	300 mm
Powered focus	Yes (Easy Focus)
Powered zoom	Yes (Easy Zoom)
IR illuminators	Yes (Wave Length: 850nm [Typical], IR LED: 21pcs)
IR working distance	59 feet (18 m) (50 IRE)
Camera Features	
Day/Night *1	Yes (True D/N)
Noise reduction	Yes
Image	
Codec image size (H x V)	1920 x 1440, 1600 x 1200, 1680 x 1056, 1920 x 1080, 1440 x 912, 1376 x 768, 1280 x 960, 1280 x 800, 1280 x 720, 1280 x 1024, 1024 x 768, 1024 x 576, 800 x 480, 768 x 576, 720 x 576, 704 x 576, 720 x 480, 640 x 480, 640x 368, 384 x 288, 320 x 240, 320 x 192 (H.264, MPEG-4, JPEG)
Video compression format	H.264, MPEG-4, JPEG
Codec streaming capability	Dual streaming
Maximum frame rate	H264: 20fps (1920 x 1440) / 30fps (1920 x 1080) MPEG-4: 15fps (1920 x 1440) / 20 fps (1920 x 1080) JPEG: 10fps (1920 x 1440) / 15fps (1920 x 1080)
Scene Analytics	
Intelligent motion detection	Yes
Network	
Protocols	IPv4, IPv6, TCP, UDP, ARP, ICMP, IGMP, HTTP, HTTPS, FTP (client only), SMTP, DHCP, DNS, NTP, RTP/RTCP, RTSP, SNMP (MIB-2)
ONVIF software	Yes
Number of clients	5
Authentication	IEEE802.1X
Analog Monitor Output	
Signal system	NTSC
Interface	
Ethernet	10BASE-T / 100BASE-TX (RJ-45)
Analog monitor output	Phono jack x 1 (1.0 Vp-p, 75 ohms, unbalanced, sync negative)
Sensor input	x 1, make contact, break contact
Alarm output	x 1, 24V AC/DC, 1A (mechanical relay outputs electrically isolated from the camera)
General	
Weight	3 lb 14 oz (1.75 kg)
Dimensions	ø 3 3/4 x 7 3/8 inches (93 x 186 mm) ø 5 3/8 x 13 1/4 inches (140 x 334.8mm) (including arm)
Power requirements	PoE (802.3af)
Power consumption	12.9 W max.
Starting temperature	-4°F to +122°F (-20°C to +50°C)
Working temperature	-22°F to +122°F (-30°C to +50°C)*2
Storage temperature	-4°F to +140°F (-20°C to +60°C)
Ingress protection	IP66
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	Microsoft Windows XP™, Windows Vista™ (32bit), Windows® 7 (32bit)
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, Ver. 9.0 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), Installation manual, Wire rope, +M4x8 screw, Warranty Booklet, Template

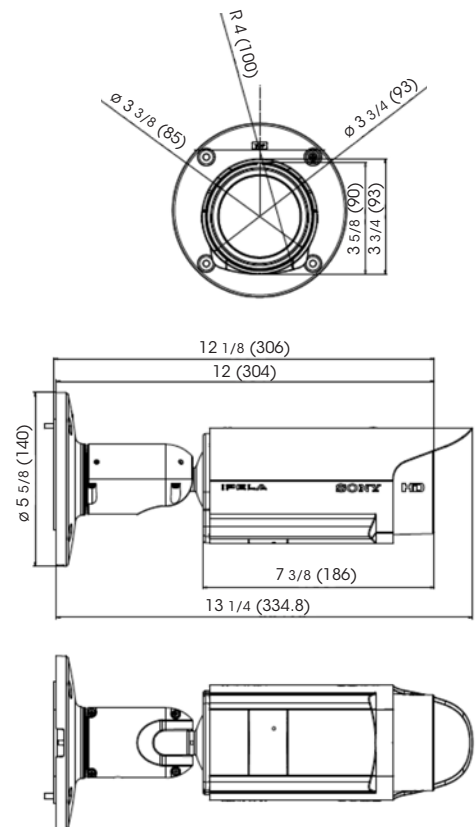*1 Removable IR Cut Filter. *2 With a built-in heater.
*The SNC-CH260 includes software developed by the OpenSSL Project for use in the OpenSSL Toolkit (http://www.openssl.org/).

SYSTEM CONFIGURATIONS

DIMENSIONS

Unit: inches (mm)

Optional Accessory	
Model	
UNI-BBB1	Optional Conduit Box / Pole Mount