SNC-DH260

Outdoor IR Ruggedized 1080p/30 fps Camera - E Series

Overview

The SNC-DH260 is an outdoor vandal-resistant high definition (1080p, supporting H.264 at 30fps) 3 Megapixel minidome camera with True Day/Night function, IR Illumination, 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 E-Series cameras have outstanding picture quality and a range of features at an affordable price.

*Product shown with housing/accessory. Housing/accessory not included

Features

DEPA
The SNC-DH260 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

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-DH260 can replace two SD cameras installed in the same line of view.

True Day/Night

Optimises sensitivity in day and night conditions. As night falls, an infra-red filter is automatically removed and the camera switches to monochrome. In this mode, the camera can acquire images extremely low light conditions.

IR Illuminators

Built-in IR (Infrared) illuminators provide assistance to the camera when capturing objects in the dark.

Easy Focus/Easy Zoom

Easy Focus/Easy Zoom simplifies installation by making it easy to set up the focus and zoom settings of the camera.

Built-in heater

Ensures that the camera will operate correctly in cold weather.

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. 3.27 Megapixels
Signal System	NTSC color system/PAL color system (switchable)
Sync System	Internal synchronization

Minimum Illumination (50 IRE)	Color: 0.70 lx (F1.2/ AGC 42 dB / 50 IRE) BW: 0 lx (IR ON) (F1.2/ AGC 42 dB / 50 IRE)
Minimum Illumination (30 IRE)	Color: 0.40 lx (F1.2, AGC 42 dB, 1/30 s) B/W: 0.00 lx (F1.2, AGC 42 dB, 1/30 s)
Dynamic Range	More than 60 dB
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	Built-in varifocal lens
Powered Zoom	No
Easy Zoom	Yes
Zoom Ratio	Optical zoom 2.9x Digital zoom 3x Total zoom 8.7x
Powered Focus	Yes (Easy Focus)
Horizontal Viewing Angle	88.5° to 32.3°
Focal Length	f =3.1 mm to 8.9 mm

F-Number	F1.2 (Wide), F2.1 (Tele)
Minimum Object Distance	300 mm
IR Illuminator	Yes (Wave Length: 850 nm [Typical], IR LED: 21 pieces)

Camera Features

Day/Night	True D/N
Wide-D	No
Tone Correction	No
Noise Reduction	NR
Image Stabilizer	No
Vandal Resistant	IK10
Ingress Protection	IP66

Video

Resolution	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 600, 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)

Compression Format	H.264, MPEG-4, JPEG
Maximum Frame Rate	H264: 20 fps (1920 x 1440)/30 fps (1920 x 1080) MPEG-4: 15 fps (1920 x 1440)/20 fps (1920 x 1080) JPEG: 10 fps (1920 x 1440)/15 fps (1920 x 1080)
Multi streaming Capability	Dual streaming*1
Number of Clients	5

Intelligent Video/Audio Analytics

Analytics Architecture	DEPA
Intelligent Motion Detection	Yes

System Requirements

Operating System	Microsoft Windows XP Windows Vista (32 bit) Windows 7 (32 bit, 64 bit)
Processor	Intel Core2 Duo 2.33 GHz or higher
Memory	2 GB or more
	Microsoft Internet Explorer Ver. 6.0, Ver. 7.0, Ver. 8.0 Firefox Ver. 3.5 (plug-in free

Web Browser	viewer only) Safari Ver. 4.0 (plug-in free viewer only) Google Chrome Ver.4.0 (plug-in free viewer only)

Network

Protocols	IPv4, IPv6, TCP, UDP, ARP, ICMP, IGMP, HTTP, HTTPS, FTP (client only), 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	Phono jack x1 (1.0 Vp-p, 75 Ω, unbalanced, sync negative)
Network Port	10BASE-T/100BASE-TX (RJ-45)
Alarm Input (Sensor Input)	x1, make contact, break contact
	x1, AC/DC 24 V, 1 A (mechanical relay outputs

Alarm Output	electrically isolated from the camera)
USB Slots	No

General

Power Requirements	IEEE 802.3af compliant (PoE) Class 0
Power Consumption	12.9 W max.
Operating Temperature	-30 to +50°C -22 to +122°F
Cold Start Temperature	PoE (IEEE802.3af): -20 to +50°C (-4 to +122°F)
Storage Temprature	-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	φ166 x 119 mm φ6 5/8 x 4 3/4 inches
Mass	Approx. 1320 g
Safety Regulations	UL2044, FCC Class A Digital Device, IC Class A Digital Device, IEC60950-1, EN55022(A)+EN55024+EN50130-4, VCCI Class A, AN/NZS CISPR22

Supplied Accessories	CD-ROM (User's Guide, SNC Toolbox) (1) Installation Manual (1) Wire rope (1) M4 screw (1) Warranty booklet (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.

Related products

FWL-65W855C

65" BRAVIA Professional Full HD Colour LED Display

FWL-75W855C

75" BRAVIA Professional Full HD Colour LED Display

FWL-55W805C

55" BRAVIA Professional Full HD Colour LED Display

FWL-40W705C

40" BRAVIA Professional Full HD Colour LED Display

FWL-48W705C

48" BRAVIA Professional Full HD Colour LED Display

UNI-MDPDH180

Pendant Mount Adaptor for outdoor Minidome Cameras

Gallery