

SNC-DH260

Network HD Mini Dome Camera — E series

SONY
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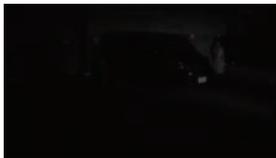
Outdoor IP66 Vandal-Resistant 1080p HD Security Camera with IR Illuminators

- 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



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.
- IK10-rated impact-resistant feature to protect the camera from destructive behaviors.
- 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 to send two 4:3 aspect ratio videos in user-selectable resolutions up to VGA simultaneously (Low-cost solution to replace two standard definition cameras located in a line).

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.



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



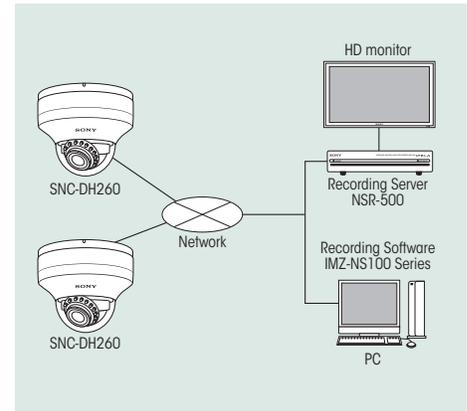
SPECIFICATIONS

SNC-DH260	
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. 3.27 Megapixel (2096x1561)
Electronic shutter speed	1s to 1/10000s
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	Built-in Vari-focal lens
Zoom ratio	Optical 2.9X
Horizontal viewing angle	88.5 degrees to 32.3 degrees
Focal length	f=3.1mm 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 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, 640x368, 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	2 lb 15 oz (1320g)
Dimensions	ø 6 5/8 x 4 3/4 inches (166 x 119 mm)
Power requirements	PoE
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
Vandal resistant	IK10
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, M4 screw, Warranty Booklet, Template

*1 Removable IR Cut Filter. *2 With a built-in heater.

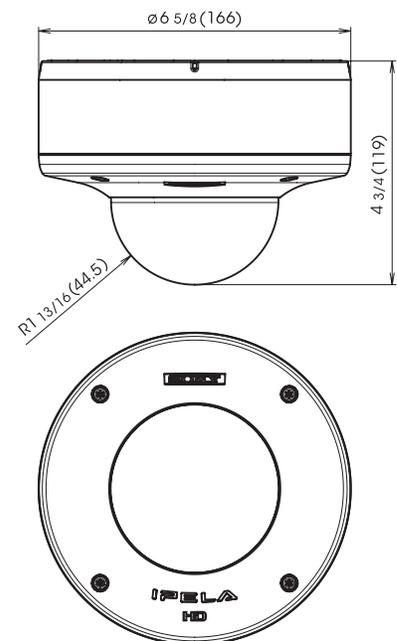
*The SNC-DH260 includes software developed by the OpenSSL Project for use in the OpenSSL Toolkit (<http://www.openssl.org/>).

SYSTEM CONFIGURATIONS



DIMENSIONS

Unit: inches (mm)



Optional Accessory	
Model	
UNI-MDB3	GOOSENECK WALL Mount (includes Pendant Cap)
UNI-WMB4	GOOSENECK WALL Mount (without pendant cap)
UNI-MDPDH180	PENDANT CAP ONLY
UNI-WMBB1	CONDUIT BOX
UNI-CMA1	CORNER ADAPTER
UNI-PMA1	POLE ADAPTER
YT-ICB45	RECESSED BRACKET - Flush mount

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