



**CISDEC**  
LE FUTUR DE VOTRE VIDÉOSURVEILLANCE

**SONY**<sup>®</sup>

## Designed for Security – A New Outdoor HD Mini-dome Camera From Sony

Sony introduces a new HD network camera, the ruggedized, IP66-rated SNC-DH180. This dual-stream network HD camera, supporting H.264, MPEG-4, and JPEG compression formats, delivers excellent picture quality in HD resolution\*<sup>1</sup> at 30 fps.

Incorporating the new Exmor™ CMOS image sensor from Sony, which is specially designed for security, plus state-of-art image-enhancement technologies such as View-DR, Visibility Enhancer, and XDNR, this camera can provide high-quality HD images with excellent sensitivity even under challenging lighting environments.

As a result, the SNC-DH180 Mini Dome Network Camera is the ideal choice for even the most demanding surveillance monitoring applications.



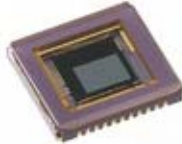
SNC-DH180  
**HD**

### Outdoor HD Mini-dome Camera **SNC-DH180**

Preliminary

#### FEATURES

- Superior HD\*<sup>1</sup> picture quality, supporting H.264 at 30 fps **HD**
- The new Exmor CMOS sensor realizes high image quality and high sensitivity for surveillance  
**Exmor™**
- Superior dynamic range using newly developed View-DR



OFF



ON

- XDNR (eXcellent Dynamic Noise Reduction) for clear images without motion blur under low illumination



OFF



ON

- Three codecs (JPEG/MPEG-4/H.264) with dual streaming and dual encoding
- **Easy Focus function** – one-push auto focus for easy installation, remote-control focus for easy maintenance, and automatic focus adjustment for clear and sharp focused images, 24 hours a day.
- **Easy Zoom function** – zoom adjustment via embedded wide and tele buttons for easy installation, and remote-control zoom for easy maintenance and user-friendly operation.
- DEPA Advanced - Intelligent Video and Audio Analytics - trigger an alarm based on user-defined rules.
  - ▶ Intelligent Motion Detection
  - ▶ Tamper Alarm
  - ▶ Advanced Audio Detection
- Power over Ethernet (PoE) capability
- ONVIF Compliance (Open Network Video Interface Forum) **ONVIF**



\*<sup>1</sup> 1280 x 720

Connect Your Vision

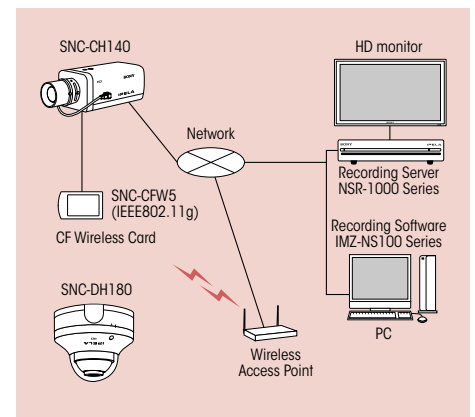
**IPELA™**

## SPECIFICATIONS

SNC-DH180	
<b>Camera</b>	
Image device	1/3 type progressive scan CMOS
Day/Night *1	Yes
View-DR*2	Yes
Visibility Enhancer	Yes
XDNR	Yes
Number of effective pixels (H x V)	Approx. 1.3 Megapixel
Electronic shutter speed	1s to 1/10000s
Auto gain control	Max gain setting LOW, MID, HIGH
Exposure control	Auto, EV Compensation *3, Auto Slow Shutter*4
White balance mode	Auto(ATW, ATW-Pro), Preset, One-push WB, Manual
Lens type	Vari-focal lens
Zoom ratio	Approx. 2.9X
Horizontal viewing angle	31 to 87 degrees
Focal length	f=3.1 to 8.9mm
F-number	F1.2 (Wide), F2.1 (Tele)
Easy Focus	Yes
Easy Zoom	Yes
<b>Image</b>	
Codec image size (H x V)	1280 x 720, 1280 x 1024, 768 x 576, 640 x 480, 320 x 240 (H.264, MPEG-4, JPEG)
Video compression format	H.264, MPEG-4, JPEG
Maximum frame rate	H264/MPEG-4: 30 fps (1280 x 720) JPEG: t.b.d (1280 x 720)
<b>Audio</b>	
Audio compression	G.711/G.726
<b>Scene analytics</b>	
Simple activity detection	No
Intelligent motion detection	Yes (with built in Post Filter)
Intelligent object detection	No
<b>Network</b>	
Protocols	TCP/IP, HTTPS, ARP, ICMP, HTTP, UDP, FTP (client/server), SMTP, DHCP, DNS, NTP, RTP/RTCP, SNMP (MIB-2)
Wireless network	No
Number of clients	5
Authentication	IEEE802.1X
<b>Analog video output</b>	
Signal system	NTSC/PAL
S/N ratio	more than 50 dB
<b>Interface</b>	
Ethernet	10BASE-T / 100BASE-TX (RJ-45)
Serial interface	No
Card slots	No
Analog video output	Composite video (1Vp-p)
Sensor input	x 1
Alarm output	x 2
External microphone input	Mini-jack (Monaural), MIC IN/LINE IN: 2.47VDC plug-in power
Audio line output	Mini-jack (Monaural), Max output level: 1 Vrms
<b>General</b>	
Mass	Approx. 1600 g
Dimensions (W x H x D mm) (ø x H mm)	166 x 119 mm
Power requirements	PoE*5, AC24V, DC12V
Power consumption	23 W max.
Operating temperature	-30 to 50 °C (Built-in Heater)
Storage temperature	-20 to +60 °C
IP66 rated	Yes
<b>System requirements</b>	
Operating system	Windows XP, Windows Vista
Processor	CPU : Pentium4 3GHz, Intel Core2 Duo 2GHz or higher
Memory	1GB or more
Web browser	Microsoft Internet Explorer Ver7.0 or higher

\*1 Removable IR Cut Filter. \*2 New algorithm plus VE with Exmor CMOS sensor \*3 Visibility Enhancer off mode only \*4 View-DR off mode only  
\*5 Built-in heater will not operate with PoE. Operating temperature when using PoE is -10 to 50°C.

## SYSTEM CONFIGURATIONS



Distributed by



**CISDEC**  
LE FUTUR DE VOTRE VIDÉOSURVEILLANCE

© 2009 Sony Corporation. All rights reserved.  
Reproduction in whole or in part without written permissions is prohibited.  
Features and specifications are subject to change without notice.  
All non-metric weights and measurements are approximate.  
Sony is a registered trademark of Sony Corporation.  
IPELA, DEPA Advanced, and Exmor are the trademarks of Sony Corporation.  
All other trademarks are the property of their respective owners.