

## Vision with Precision for HD Security

Sony introduces the powerful addition to its network HD camera lineup, the SNC-DH140.

This dual-stream network HD camera, supporting H.264, MPEG-4, and JPEG compression formats, delivers excellent picture quality in HD 720p resolution at 30 frames per second (fps).

Incorporating the new Exmor™ CMOS image sensor from Sony, which is specially designed for surveillance applications, this camera features state-of-the-art image-enhancement technology, such as View-DR™ which delivers an extremely wide dynamic range.

As a result, the SNC-DH140 provides not only high-quality HD images, but also HD images with excellent sensitivity and visibility even in challenging lighting environments. The SNC-DH140 minidome Network Camera is an ideal choice for the most demanding surveillance monitoring applications.



# HD

### FEATURES

- Superb HD\*1 picture quality, supporting H.264 at 30 fps
- Three codecs (H.264, MPEG-4, JPEG) and dual streaming capability
- The new Exmor CMOS sensor delivers high image quality and low noise for surveillance

# HD



- View-DR technology - Sony's innovative Wide Dynamic Range technology - to capture objects clearly and adaptively even under harsh backlit or highly lit conditions.

**View-DR**



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



- Easy Focus function/Easy Zoom function
- DEPA™ Advanced Intelligent Video and Audio Analytics trigger an alarm, based on user-defined rules
  - Intelligent Motion Detection with virtual borderline function
  - Tamper Alarm



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

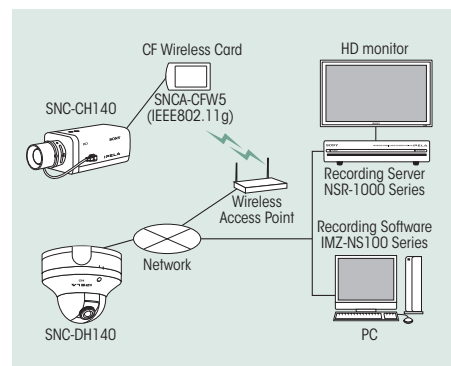


## SPECIFICATIONS

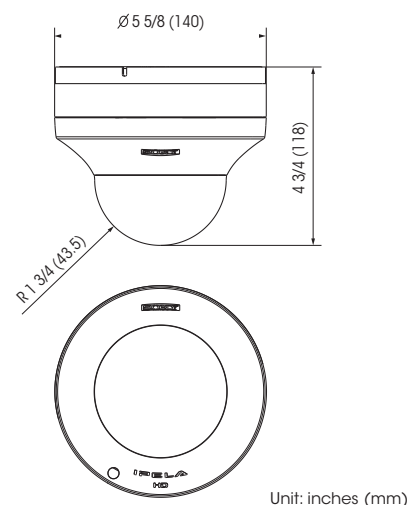
| SNC-DH140   |  |
|---|--|
| <b>Camera</b>   |  |
| Image device  | 1/3 type progressive scan Exmor CMOS sensor  |
| Minimum illumination  | Color : 0.20 lx, B/W : 0.10 lx (F1.2/View-DR OFF/XDNR ON-Middle/VE OFF/AGC High/50 IRE(IP))  |
| Number of effective pixels (H x V)  | Approx. 1.4 Megapixel  |
| Electronic shutter speed  | 1s to 1/10000s   |
| Auto gain control   | Max. gain setting LOW, MID, HIGH   |
| Exposure control  | Auto, EV Compensation*, Auto Slow Shutter*2  |
| 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  | 31.2 to 85.4 degrees   |
| Focal length  | f=3.1 to 8.9 mm  |
| F-number  | F1.2 (wide), F2.1 (tele)   |
| Powered Focus   | Yes (Easy Focus)   |
| Powered Zoom  | Yes (Easy Zoom)  |
| <b>Camera Features</b>  |  |
| Day/Night*3   | Yes  |
| Wide-D  | View-DR technology (130dB)   |
| Image enhancement   | Visibility Enhancer  |
| Noise reduction   | XDNR technology  |
| <b>Image</b>  |  |
| Codec image size (H x V)  | 1280 x 1024, 1280 x 960, 1280 x 800, 1280 x 720, 1024 x 768, 1024 x 576, 800 x 480, 768 x 576, 640 x 480, 640 x 368, 384 x 288, 320 x 240, 320 x 192 |
| Video compression format  | H.264, MPEG-4, JPEG  |
| Maximum frame rate  | H.264/MPEG-4/JPEG: 30 fps (1280 x 720)   |
| <b>Audio</b>  |  |
| Audio compression   | G.711/G.726  |
| <b>Scene Analytics</b>  |  |
| Intelligent motion detection  | Yes (with built-in Post Filter)  |
| Intelligent object detection  | No   |
| <b>Network</b>  |  |
| Protocols   | IPv4, IPv6, TCP, UDP, ARP, ICMP, IGMP, HTTP, HTTPS, FTP (client/server), SMTP, DHCP, DNS, NTP, RTP/RTCP, RTSP, SNMP (MIB-2)                          |
| ONVIF software  | Yes  |
| Wireless network  | No   |
| Number of clients   | 10   |
| Authentication  | IEEE802.1X   |
| <b>Analog Video Output</b>  |  |
| Signal system   | NTSC/PAL   |
| Horizontal resolution   | 600 TVL  |
| 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: 2.5 V DC plug-in power   |
| Audio line output   | Mini-jack (monaural), Max output level: 1 Vrms   |
| <b>General</b>  |  |
| Weight  | Approx. 1 lb 10 oz (750 g)   |
| Dimensions (d x H)  | 5 5/8 x 4 3/4 inches (140 x 118 mm)  |
| Power requirements  | PoE, AC 24 V, DC 12 V  |
| Power consumption   | 8.0 W max.   |
| Operating temperature   | -14 to 122 °F*5 (-10 to +50 °C)  |
| Storage temperature   | -4 to 140 °F (-20 to +60 °C)   |
| <b>System Requirements</b>  |  |
| Operating system  | Windows XP™, Windows Vista™  |
| Processor   | Intel Core2 Duo 2 GHz or higher  |
| Memory  | 1 GB or more   |
| Web browser   | Microsoft Internet Explorer® Ver 6.0, Ver 7.0  |
| <b>Supplied Accessories</b>   |  |
| CD-ROM (User's guides, SNC Toolbox), Installation manual, Template, Wire rope, Bracket, LAN cable, BNC cable, Power input cable, I/O cable, Audio Cable, Warranty booklet, M4 shoulder screw, M4 screws (2) |  |

\*1 Visibility Enhancer off mode only \*2 View-DR off mode only \*3 Removable IR Cut Filter \*4 View-DR technology is a combination of Sony's full-capture Wide-D technology, the high-speed Exmor CMOS sensor, and Visibility Enhancer. \*5 Cold start temperature must be greater than 0°C.

## SYSTEM CONFIGURATIONS

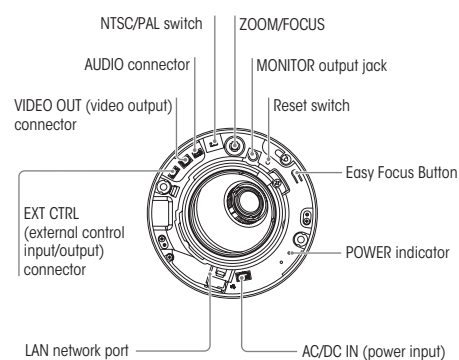


## DIMENSIONS



Unit: inches (mm)

## CONNECTORS



\* The SNC-DH140 include software developed by the OpenSSL Project for use in the OpenSSL Toolkit (<http://www.openssl.org>).