

New Rapid Dome Cameras from Sony

Sony is pleased to introduce its new rapid dome cameras, the SNC-RS44 and SNC-RS46, which support H.264, MPEG-4, and JPEG compression formats. With a powerful streaming capability of 30 frames per second (fps) in D1 resolution, combined with newly developed image-enhancement technologies, these cameras dramatically enhance usability in a wide variety of lighting environments and across a broad range of applications. Plus, a total 210° tilt range and 360° endless high-speed pan capabilities allow users to view images above the horizon. This provides great installation flexibility for a number of different applications and locations.

With a host of new features and excellent performance, the SNC-RS44 and SNC-RS46 are the perfect choice, whatever your specific needs.



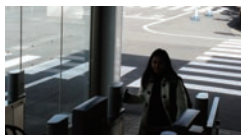
SNC-RS44N
SNC-RS46N

Network Rapid Dome Cameras

SNC-RS44N
SNC-RS46N

FEATURES

- **Visibility Enhancer** for sharper, clearer images and a higher level of visibility



OFF



ON

(Actual images)

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



OFF



ON

(Actual images)

- **Wide-D technology** to handle various lighting conditions in a scene



Normal Shutter Speed



High Shutter Speed



With Wide-D Technology

(Simulated images)

- **Powerful and versatile zoom capability**
 - 36x optical and total zoom ratio of 432x with 12x digital zoom (SNC-RS46)
 - 18x optical and total zoom ratio of 216x with 12x digital zoom (SNC-RS44)
- **Three codecs (H.264, MPEG-4, JPEG) and triple streaming capability**
- **DEPA™ Advanced – Intelligent Video and Audio Analytics** – trigger an alarm based on user-defined rules
 - Intelligent Motion Detection with virtual border line function
 - Tamper Alarm
 - Advanced Audio Detection*¹
- **Superb audio functions**
 - Voice alert
 - Ambient sound filter
 - Dynamic range compressor*¹
 - Echo cancellation
- **Above-the-horizon tilt** – 15° tilt-up, total tilt range of 210°
- **High-speed 360° endless panning**
- **Quick-release mechanism**
- **hPoE support** – compliant with IEEE802.3*²
- **Local storage/wireless capability**
- **Support for IPv6**
- **ONVIF™ Software**



*¹ Available with version 1.1 or later

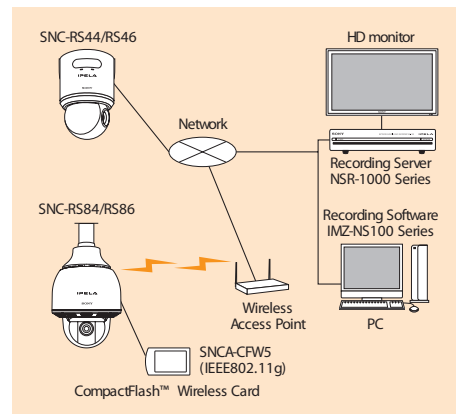
*² Available with version 1.2 or later

SPECIFICATIONS

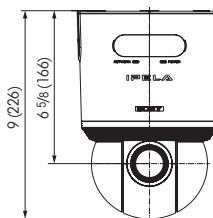
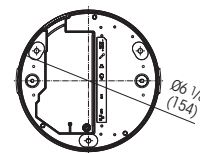
SNC-RS44N		SNC-RS46N	
Camera			
Image device	1/4-type CCD with Exwave HAD technology		
Minimum illumination	Day : 0.4 lx (XDNR ON VE ON Slow Shutter OFF 50 IRE IP) 0.7 lx (Slow Shutter OFF 50 IRE Analog Video Output) Night : 0.08 lx (XDNR ON VE ON Slow Shutter OFF 50 IRE IP) 0.15 lx (Slow Shutter OFF 50 IRE Analog Video Output)	Day : 0.7 lx (XDNR ON VE ON Slow Shutter OFF 50 IRE IP) 1.4 lx (Slow Shutter OFF 50 IRE Analog Video Output) Night : 0.08 lx (XDNR ON VE ON Slow Shutter OFF 50 IRE IP) 0.15 lx (Slow Shutter OFF 50 IRE Analog Video Output)	
Number of effective pixels (H x V)	380,000 (768 x 494)		
Electronic shutter speed	1 to 1/10,000 s		
Auto gain control	Auto/Manual (-3 to +28 dB)		
Exposure control	Auto, Full auto, Shutter-priority, Iris-priority, Manual, EV compensation, Backlight compensation		
White balance mode	Auto, Indoor, Outdoor, One-push WB, ATW, Manual		
Lens type	Auto-focus zoom lens		
Zoom ratio	18x	36x	
Horizontal viewing angle	2.8 to 48.0 degrees	1.7 to 57.8 degrees	
Focal length	f=4.1 to 73.8 mm	f=3.4 to 122.4 mm	
F-number	F1.4 (wide), F3.0 (tele)	F1.6 (wide), F4.5 (tele)	
Minimum object distance	11 1/2 inches (290 mm) to 31 1/2 inches (800 mm) (tele)	12 5/8 inches (320 mm) to 59 1/8 inches (1500 mm) (tele)	
Pan angle	360 degrees endless rotation		
Pan speed	400 degrees/s (max.)		
Tilt angle	210 degrees (with e-flip)		
Tilt speed	400 degrees/s (max.)		
Preset position	256 position		
Tour	5 preset tours*, 4 shadow tours *16 presets per one preset tour		
Camera Features			
Day/Night *1	Yes		
Wide-D	Yes		
Image enhancement	Visibility Enhancer		
Noise reduction	XDNR		
Image			
Codec image size (H x V)	720 x 480, 640 x 480 (VGA), 384 x 288, 320 x 240 (QVGA)		
Video compression format	H.264, MPEG-4, JPEG		
Maximum frame rate	H.264/MPEG-4/JPEG: 30 fps (720 x 480)		
Audio			
Audio compression	G.711/G.726		
Scene Analytics			
Intelligent motion detection	Yes (with built-in Post Filter)		
Intelligent object detection	No		
Advanced audio detection	Yes*2		
Network			
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	Yes (with optional)*3		
Number of clients	10		
Authentication	IEEE802.1X		
Analog Video Output			
Signal system	NTSC		
Horizontal resolution	530 TVL		
S/N ratio	More than 50 dB		
Interface			
Ethernet	10BASE-T/100BASE-TX (RJ-45)		
Serial interface	RS-232C, RS-422/RS-485 (PELCO D protocol)		
Card slots	CF card x1		
Analog video output	Composite video (1Vp-p)		
Sensor input	x 4		
Alarm output	x 2		
External microphone input	Mini-jack (Monaural), MIC IN/LINE IN: 2.2k ohm, 2.45VDC plug-in power		
Audio line output	Mini-jack (Monaural), Max output level: 1 Vrms		
General			
Weight	4 lb 6 oz (2.0 kg)		
Dimensions (ø x H)	6 1/8 x 9 inches (154 x 226 mm)		
Power requirements	hPoE*4, AC 24 V, DC 12 V		
Power consumption	23 W max.		
Operating temperature	32 to 122 °F (0 to 50 °C)		
Storage temperature	-4 to 140 °F (-20 to +60 °C)		
System Requirements			
Operating system	Windows XP®, Windows Vista®		
Processor	CPU: Pentium4® 3 GHz, Intel Core2 Duo 2 GHz or higher		
Memory	1 GB or more		
Web browser	Microsoft Internet Explorer® Ver6.0 or, Ver7.0		
Supplied Accessories			
Base unit, Mounting bracket, Screws, Cables (Power input, BNC, I/O, Serial), Installation manual, CD-ROM (User's guide, SNC toolbox), Mounting template, Wire rope			

*1 Removable IR Cut Filter *2 Available with software version 1.1 or later *3 With optional SNCA-CFW5 *4 Available with software version 1.2 or later

SYSTEM CONFIGURATIONS

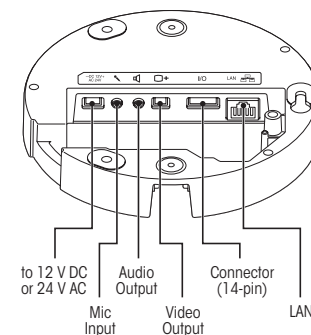


DIMENSIONS



Unit: inches (mm)

CONNECTORS



* SNC-RS44 and SNC-RS46 include software developed by the OpenSSL Project for use in the OpenSSL Toolkit. (<http://www.openssl.org/>)

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