

Compact and Slim Surveillance Network Camera Providing Excellent Sensitivity and High Resolution with an Advanced Progressive Scan CCD Based on ExwavePRO™ Technology

Sony introduces a powerful new addition to the Sony network camera lineup, the SNC-CS20 Network Camera. This compact camera has been specifically designed for security applications. It incorporates an advanced progressive scan CCD with ExwavePRO technology, providing extremely clear and detailed images for surveillance monitoring applications.

Unlike conventional network cameras that incorporate progressive scan CCDs with primary color filters, the SNC-CS20 camera uses a complementary color filter to provide amazingly bright and high-resolution images even in dimly lit environments – a typical challenge of surveillance monitoring.

In addition, this new camera incorporates sophisticated features such as Intelligent Motion Detection, Constant Bitrate Algorithm, and flexible Gamma Curve Settings. These features provide you with not only high-quality images, but also intelligent and efficient operational flexibility. What's more, because the SNC-CS20 is similar in size to CCTV cameras, system integrators will appreciate the fact that it can be installed in an 8-inch camera housing. Providing high sensitivity levels in a compact and slim body inherited from CCTV cameras, the SNC-CS20 is a perfect choice for your surveillance monitoring applications.

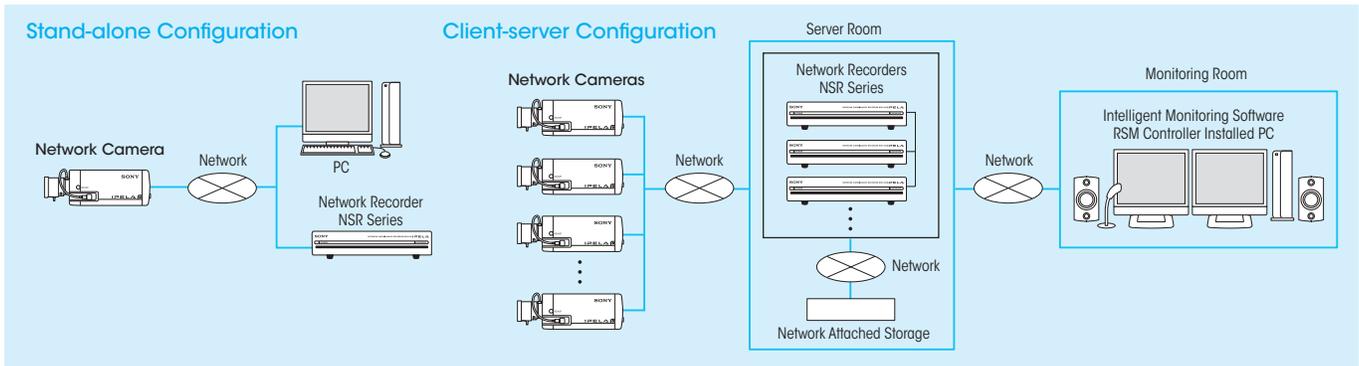


Network Camera SNC-CS20

Features

- **1/4-type Progressive Scan CCD with ExwavePRO Technology**
 - The SNC-CS20 camera inherits the technical advantages of Sony ExwaveHAD™ technology, while incorporating advanced progressive scanning and complementary color filters to provide extremely high sensitivity levels and clear and crisp images in both day and night environments.
- **Dual Stream MPEG-4 and JPEG Output**
- **High Frame Rate of 30 fps at 640 x 480/768 x 576**
- **Ten Preset JPEG Picture-quality Settings With Constant Bitrate Algorithm**
- **Variable Gamma Settings for High-contrast Images**
 - Six preset gamma curves.
- **Compact and Slim**
 - Fits 8-inch camera housings.
- **DC Servo IR Auto Iris Lens Capability**
 - Ideal for both indoor and outdoor use.
- **Dual-encoding Capability (MPEG-4/JPEG)**
- **Day/Night Function**
- **Bi-directional Audio**
- **DEPA™-enabled — Intelligent Video Analytics**
- **Intelligent Motion Detection (IMD)**
- **Sensor In/Alarm Out Ports**
- **IEEE802.1X Compliant**
- **Analog Video Output**
 - Ideal for use when adjusting the camera viewing angle during installation.
- **Variety of Power Options: AC 24 V, DC 12 V, or PoE (Power over Ethernet)**

System Configurations

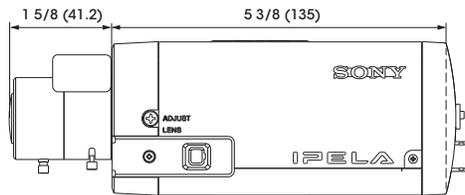
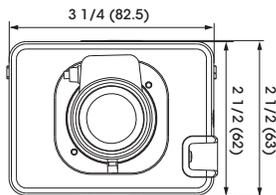


Specifications

Camera	
Image device	1/4-type Progressive Scan CCD with ExwavePRO Technology
Number of total pixels	Approx. 350,000
Number of effective pixels (H x V)	Approx. 330,000 (695 x 494)
Electronic shutter	1 to 1/10,000 s
Auto gain control (AGC)	On/Off (0 dB to +36 dB)
Exposure control	Auto, Backlight compensation, Gamma settings
White balance modes	ATW, ATW Pro
Lens type	Vari-focal zoom lens
Zoom ratio	2.7x optical zoom (2x digital zoom)
Horizontal viewing angle	66.6 to 27.0°
Focal length	f=3.0 to 8.0 mm
F-number	F1.0 (wide), F1.45 (tele)
Minimum object distance	200 mm
Image	
Image size (H x V)	
JPEG	768 x 576, 640 x 480, 384 x 288, 320 x 240
MPEG-4	640 x 480, 384 x 288, 320 x 240
Maximum frame rate	
JPEG	30 fps (768 x 576)
MPEG-4	30 fps (640 x 480)
Audio	
Audio compression	G.711/G.726 (40, 32, 24, 16 Kb/s)
Network	
Protocols	TCP/IP, ARP, ICMP, HTTP, FTP, SMTP, DHCP, DNS, NTP, RTP/RTCP, SNMP
Number of clients	10
Authentication	IEEE802.1X

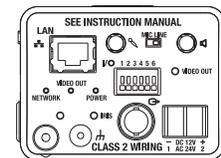
Interface	
Ethernet	10Base-T/100Base-TX (RJ-45)
Analog video output	BNC x1, 1.0 Vp-p, 75 Ω
I/O port	Sensor in x 1, Alarm out x 2
External microphone input/Line input	Mini-jack x1 (Mic in: monaural, 2.2 K 2.5 V plug-in power, Line in: monaural)
Analog video output	
Signal system	NTSC/PAL
Horizontal resolution	400 TV lines
S/N ratio	more than 50 dB (AGC OFF, Weight ON)
Min. illumination	Color: 0.2 lx (50IRE, F1.0, AGC ON 36 dB) B/W: 0.02 lx (50IRE, F1.0, AGC ON 36 dB)
General	
Weight	Approx. 1 lb 9 oz (700 g)
Dimensions (W x H x D)	3 1/4 x 2 1/2 x 7 inches including Lens (82.5 x 63 x 176.2 mm)
Power requirements	PoE (IEEE-802.3 at)/AC 24 V/DC 12 V
Power consumption	max. 8.0 W
Operating temperature	14 to 122°F (-10 to 50 °C)
Storage temperature	-4 to 140 °F (-20 to 60 °C)
System requirements	
Operating system	Microsoft, Windows Vista®, Microsoft Windows® XP
Processor	Intel Pentium IV 3GHz or higher, Intel Core2 Duo 2GHz or higher
Memory	1 GB or more
Web browser	Microsoft Internet Explorer® Ver. 6.0 or higher
Supplied accessories	
CD-ROM (User's guide, IP setup program, Audio Upload Tool, Privacy Masking Tool, Video Player, Custom Homepage Installer, Easy Setup Guide), Installation manual, Wire rope	

Dimensions



Unit: inches (mm)

Rear Panel



SONY

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