



SNC-CS20

High quality, compact and Slim Network Camera

The SNC-CS20 camera inherits the technical advantages of Sony ExwaveHAD (TM) 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.

Features

1/4-type Progressive Scan CCD with ExwavePRO Technology

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Variable Gamma Settings for High-contrast Images

Six preset gamma curves.

Compact and Slim

Design inherited from CCTV cameras. Fits 8-inch camera housings.

DC Servo IR Auto Iris Lens Capability

Ideal for both indoor and outdoor use.

Analogue Video Output

Ideal for use when adjusting the camera viewing angle during installation.

Benefits

Selectable Compression Formats: MPEG-4 and JPEG

High Frame Rate of 30 fps at 640 × 480 / 768 × 576

Ten Preset JPEG Picture-quality Settings With Constant Bitrate Algorithm

Slow Shutter Mode

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

Variety of Power Options: AC 24 V, DC 12 V, or PoE (Power over Ethernet)

Technical 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	2.7× optical zoom (2× 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)
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--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)
Analogue video output	BNC x1, 1.0 Vp-p, 75 Ohms
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--

Mass	Approx.. 700 g (1 lb 9 oz)
Dimensions (W x H x D)	82.5 x 63 x 176.2 mm including Lens (3 1/4 x 2 1/2 x 7 inches)
Power requirements	PoE (IEEE-802.3 af)/AC 24 V/DC 12 V
Power consumption	Max. 8.0 W
Operating temperature	-10 to 50 °C (14 to 122 °F)
Storage temperature	-20 to 60 °C (-4 to 140 °F)

--System requirements--

Operating system	Microsoft (R), Windows Vista (R), 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