The SNC-CS20 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.
System Configurations

Stand-alone Configuration

Network Camera 🔄 PC 🔄 Network Recorder

Client-server Configuration

Network Cameras 🔄 Network 🔄 Network Recorder NSR Series

Server Room

Network Attached Storage

Monitoring Room

Intelligent Monitoring Software

RSM Controller Installed PC

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: 0.711/6.726 (40, 32, 24, 16 KHz)

Network

- Protocols: IPv4, TCP, UDP, ARP, ICMP, IGMP, HTTP, FTP (client server), SMTP, DHCP, DNS, NTP, RTSP/RTCP, RTSP, SNMP (MIB-2)
- Number of clients: 10
- Authentication: EIEEE02.1X

Interface

- Ethernet: 10Base-T/100Base-TX (100BASE-TX)
- Analog video output: BNC x1, 1.0 Vp-p, 75 Ω
- IO 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 (SDRE, F1.0, AGC ON 36 dB)
    - B/W: 0.02 lx (SDRE, 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 (82.5 x 63 x 176.2 mm)
- Power requirements: PoE (IEEE-802.3 af)/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

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