



Network Cameras

SNC-CM120 **SNC-CS20**

Preliminary

New Compact Network Cameras With Advanced Progressive Scan CCDs Employing ExwavePRO™ Technology Provides Excellent Sensitivity and High Resolution of up to 1.3 Megapixels

Sony introduces powerful new additions to the Sony network camera lineup, the SNC-CM120 Megapixel Network Camera and the SNC-CS20 Network Camera. The first Sony megapixel fixed-type camera, the SNC-CM120, has been especially designed for use in security applications. The camera 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, this camera uses a complementary color filter to provide amazingly bright and high-resolution images even in dimly lit environments, which is a common requirement for surveillance monitoring. What's more, the unique "Light Funnel" function increases sensitivity levels to provide extremely bright images even when monitoring moving objects at night.

Like the SNC-CM120, the SNC-CS20 is a progressive scan camera that incorporates ExwavePRO technology for excellent sensitivity. Also, 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.

Common to both cameras are sophisticated features such as Intelligent Motion Detection, Constant Bitrate Algorithm, and flexible Gamma Curve Settings. These features provide you not only with high-quality images, but intelligent and efficient operational flexibility.

Providing high sensitivity levels in a compact and slim body inherited from CCTV cameras, the SNC-CM120 and the SNC-CS20 are perfect choices for your surveillance monitoring applications.

Connect Your Vision

IPELA[™]

ExwavePRO

Common Features

- Advanced Progressive Scan CCD with ExwavePro Technology
 - These cameras inherit 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 daytime and nighttime environments.
- Selectable Compression Formats: MPEG-4 and JPEG
- High Frame Rate of 30 fps at VGA
- Ten Preset JPEG Picture-quality Settings With Constant Bitrate Algorithm
- Variable Gamma Settings for High Contrast Images
 - Six preset gamma curves
- Slow Shutter Mode
- Dual-encoding Capability (MPEG-4/JPEG)
- Day/Night Function
- Bi-directional Audio
- Intelligent Motion Detection (IMD)
- DEPA-enabled — Intelligent Video Analytics
- IEEE802.1X Compliant
- Compact and Slim
 - Design inherited from CCTV cameras
- Sensor In/Alarm Out Ports
- 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)

SNC-CM120 Megapixel Network Camera

- 1/3-type Progressive Scan CCD with ExwavePRO Technology
- 1.3 Megapixel — High Resolution
 - The SNC-CM120 is ideal for use at building entrances and parking lots, where detailed images, such as those of people's faces and car license plates, are required.
- Light Funnel Function for High Sensitivity¹
 - Unlike systems that use slow shutter speeds to provide bright images, the 'Light Funnel' mechanism is such that image data for every two pixels are combined vertically and horizontally providing extremely bright images even when monitoring moving objects at dusk. This function can be activated automatically in response to surrounding light conditions or on a pre-specified time schedule.
- DC Servo IR Auto Iris Lens Capability
 - Ideal for both indoor and outdoor use
- Solid PTZ Function
 - Allows users to electronically pan, tilt, and zoom within the camera's field of view
 - Used in conjunction with motion detection, the camera can track moving objects
- Cropping Function
 - Full-resolution megapixel images can be cropped freely to accentuate a monitoring area and to reduce data size.

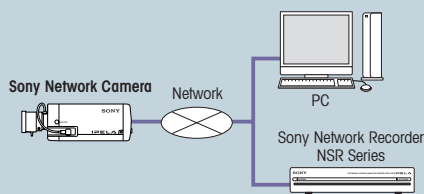
¹ When the light funnel function is activated, the image resolution is 640 x 480 (VGA).

SNC-CS20 Network Camera

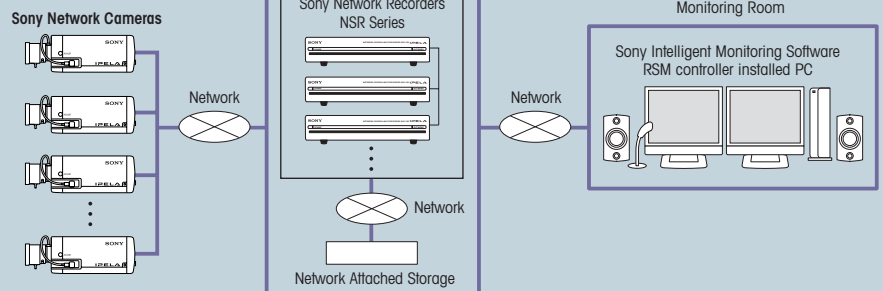
- 1/4-type Progressive Scan CCD with ExwavePRO Technology
- Compact and Slim
 - Fits 8-inch camera housings

System Configurations

Stand-alone Configuration



Client-server Configuration



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