SONY
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NSR-1100/2T

High capacity hard disk Network Surveillance Server

The NSR-1100/2T is a high capacity hard disk record-er that has a capacity of 2000 GB. This network sur-veillance server is an ideal solution for multi-camera monitoring, recording, and playback.

This product comes with the full PrimeSupport pack-age. That's fast, hassle-free repairs, a helpline offer-ing expert technical advice, and a free loan unit while yours is repaired. Plus the peace of mind that Sony is looking after your equipment – and your business.

Features

Easy to migrate from analogue to IP camera systems
Up to 16 analog cameras can be connected to the NSR-1100/2T, using the NSBK-A16 Analog Encoder Kit. You can simply add network cameras, including megapixel cameras, while maintaining your analog cameras.

Easy to migrate to large-screen HDTV display systems
The NSR-1100/2T has two analogue RGB and two HDMI monitor output connectors on the rear panel. You can use two out of the four outputs simultan-eously in any combination to meet your system requirements.

Easy to migrate into HD camera systems
To answer to the growing demands for HD (High Definition) network cameras, the NSR-1100/2T will offer this capability in the near future.

Free to select from a wide range of cameras
The NSR-1100/2T can be used not only with Sony network cameras but also with other major brand net-work cameras.

High frame rate display
The frame rate of the video readout of the NSR-1100/2T is much higher than that of conventional models.

DEPA
Both the NSR & IMZ Series incorporate DEPA - Sony's Distributed Enhanced Processing Architecture. Used in conjunction with DEPA-enabled network cameras from

Sony (SNC-RX Series, SNC-RZ50, SNC-CS50, and later models), DEPA helps identify critical events more easily, and provides a streamlined workflow for your video security operations.

Remote viewing by controller software
If you install the bundled Controller Software to a per-sonal computer in a remote location, you can super-vise the NSR-1100/2T recording servers simultan-eously in various locations, with flexibility in selecting and viewing live and recorded images.

Benefits

Quick setup
With the set-up wizard, you can set up the system in a simple manner. With Sony's IP cameras, the NSR-1100/2T detects the cameras instantly, which drastically reduces the time required for the system installation. Images from cameras are assigned to Monitor Layout automatically so that you can start monitoring instantly.

Intuitive graphical user interface
You can search, preview, and play back the recorded video with an intuitive user interface.

UPS
The NSR-1100/2T can be used with Uninterruptible Power Supply (UPS) equipment via the RS-232C port, protecting in the event of accidental power failure.

HDMI outputs for "Full HD" displays
You can view and monitor video via the HDMI inter-face with Full HD (1920 x 1080) displays. If you use megapixel cameras, you can view the full resolution image with such equipment. What's more, you can set a 6-screen display layout and still view VGA video in full resolution.

MPEG4/JPEG dual stream
Connected with the SNC-RX Series, SNC-DS10, SNC-DM110, and later models from Sony, the NSR-1100/

2T can accept both JPEG and MPEG4 from the cameras at the same time. With a limited storage capacity, for example, you can monitor live video via JPEG at frame rates as high as 30 fps, and record video via MPEG4 at frame rates as low as 5 fps.

IMZ-NS100 Series

In the same series of software solution, Sony also provides the IMZ-NS101/ NS104/ NS109/NS116/ NS132 Intelligent Monitoring Software. This can be installed on your own Microsoft® Windows® server to monitor and control 1/4/9/16/32 network cameras,

respectively. It features the same functionality and graphical user interface as the NSR-1000 Series. The supplied Controller Software can be used for the multiple NSR-1000 Series and IMZ-NS100 Series.

Flexible user management

All access is managed by user authorization, which is set by the system administrator. The administrator can simply provide a user with the prepared five levels of operational permission, or the administrator can give a user different permission levels for different accessible cameras/servers.

Technical Specifications

Video/Recording	
Number of Cameras Supported (IP/Analog Total)	Max.32
Analogue Camera Input	Option (NSBK-A16)
Video Compression (IP-Camera)	MPEG-4 or JPEG
Video Compression (Analogue-Camera)	MPEG-4
Maximum Recording Rate	240 fps
Hard Disk Drives (Physical Capacity)	2000 GB (1000 GB x2)
Hard Disk Drives (Recording Capacity)	1817 GB
Expansion Storage	Supports NSRE-S200 (2000 GB) (Max. 7 Units)

Video Interface	
Monitor Out #1 (HDMI or Analogue)	HDMI Output: HDMI (A-type) x1 Analogue RGB Output: D-sub 15pin x1 (Front) or D-sub 15pin x1 (Rear)
Monitor Out #2 (HDMI or Analogue)	HDMI Output: HDMI (A-type) x1 Analogue RGB Output: D-sub 15pin x1

Audio Interface	
Line Out	RCA-pin, L/R x1 stereo pair

Sensor/Alarm	
Sensor In	8-channel photo-coupler (DC3.3-24 V)
Alarm Out	8-channel relay (Max. 24 V 1 A)

Other Interfaces	
Ethernet	1000Base-T/100Base-TX/ 10Base-T x 4 (Auto switching)
USB 2.0	x3 (Front), x3 (Rear)
Serial Interface (for UPS)	RS-232C x1
Serial Interface (for Analogue Camera Control)	RS-232C x1, RS-422/485 x1 (Either one to be selected)
SAS 1.1 (Serial Attached SCSI)	SFF-8088 type x1

General	
Dimensions (W x H x D)	430 mm x 87 mm x 417 mm (17 x 3 1/2 x 16 1/2 inches) (Excluding projections)
Mass	Approx. 12 kg (26 lb 7 oz)
Power Requirements	100 V to 127 V/200 V to 240 V AC (50/60 Hz)
Power Consumption	185 W (typical)
Operating Temperature	5 to 40 °C (41 to 104 °F)
Operating Humidity	10 to 80% (Max. wet-bulb temperature 30 °C, non-condensing)

Accessories

Warranty and Support Agreements

PrimeSupport Plus VS2

2 Year Extension for Video Security