SONY
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NSR-S20
The NSR-S20 Network Surveillance Recorder for up to 8 SD and HD network cameras

The NSR-S20 is a network surveillance recorder supporting up to eight of Sony's SD and 1080p/720p HD network cameras, delivering superb image quality to facilitate the immediate scrutiny of crucial visual evidence.

The NSR-S20's set-up procedure is extremely straightforward, with no need to configure IP addresses or camera parameters. Recording starts as soon as a new camera is automatically detected on the LAN, with images displayed immediately in up to four split-screens.

1-year PrimeSupport is included as standard within the EU, Norway and Switzerland. This gives users access to an expert helpdesk and, in the unlikely event of a failure, will arrange for an advance replacement unit to be delivered within a target time of one working day. An additional 2 years' support is also available as an option.

Features

Eight-channel Network Surveillance Recorder
The NSR-S20 connects to a maximum of eight SD and 1080p/720p HD network cameras.

HD recording with High Stability
The NSR-S20 records 1080p/720p HD videos, reproducing extremely clear and detailed images to provide crucial visual information.

Compatible with a wide range of cameras and encoders
Choose the equipment that is right for your requirements. The NSR-S20 can be used with a wide range of Sony's network cameras and encoders.

Plug and Play
No need for complex set-up procedures. The NSR-S20 starts to record as soon as it detects a camera on the local area network.

Web client
The NSR-S20 provides remote access to live video through its dedicated web client software.

Three Industry-Standard Codecs for Maximum Compatibility
The NSR-S20 can use H.264, MPEG-4 and JPEG for high quality recording and maximum compatibility with other equipment.

IR remote controller
The NSR-S20 comes with an infra-red remote controller.

Multiple language support
The NSR-S20 supports a variety of languages, including English, French, Italian, Russian, Spanish, German and simplified Chinese.

Compact design
At 245 x 53 x 160 mm, the NSR-S20's compact design means that it is easy to install, even in space-restricted areas.

Technical Specifications

Video/Recording	
Number of cameras supported	8
Video compression (IP camera)	H.264 or MPEG-4 or JPEG
Total Recording frame rate (at H.264, Full-HD, 4Mbps)	120fps
Total Recording frame rate (at H.264, VGA, 1Mbps)	240fps
Recording frame rate / camera	1920 x 1080: Max. 15fps/camera, 1280 x 720: Max. 15fps/camera, 640 x 480: Max. 30fps/camera
Hard disk drives (Physical capacity)	-

Hard disk drives (interface)	Serial ATA
Hard disk drives (Recording capacity)	-
Expansion storage	e-SATA storage (max. 4TB)

Video Output

Monitor OUT	Analog RGB (D-sub 15-pin) x 1
Monitor OUT Display resolution	1,024 x 768
Display frame rate (LIVE)	640 x 480/368: max. 30fps/ camera
Display frame rate (PLAYBACK at single screen)	1,920 x 1,080: max. 15fps, 1,280 x 720: max. 15fps, 640 x 480: max. 30fps
Display frame rate (PLAYBACK at 2x2 screen)	1,920 x 1,080: 1fps/camera, 1,280 x 720: 1fps/camera, 640 x 480: more than 1fps/ camera

Audio Output

Audio OUT	Terminal connecter x 1

Sensor Input/Alarm Output

Sensor IN	Terminal connecter x 4 (Compatible with 5V to 6V DC devices, photo coupler input, insulated from main unit)
Alarm OUT	Terminal connecter x 1 (max. 30V DC, 125V AC, 1A, mechanical relay output, insulated from main unit)

Other Interfaces

Ethernet	1000Base-T/100Base-TX/ 10Base-T x 2
USB	USB 2.0 x 1 (Front) / USB 2.0 x 2 (Rear)

General

Dimensions (W x H x D)	245 x 53 x 160 (9 3/4 x 2 1/8 x 6 3/8 inch)
Mass	Approx. 0.8 Kg (1 lb 12oz)
Power requirements	DC 12V (AC adapter: 100V to 240V AC, 50/60Hz)
Power consumption	Approx. 36W
Operating temperature	5 to 40 degrees C (41 to 104 degrees F)
Operating humidity	20% to 80% (max. wet-bulb temperature: 30 degrees C/86 degrees F, no condensation)
Supplied accessories	AC Adapter x 1, IR remote controller x 1, Installation manual x 1, Warranty booklet x 1, CD-ROM (First Step Guide, User's Guide) x 1, Cable clamp x 1, SATA cable x 1, SATA power cable x 1, Screw x 4

Notes

Notes	* excluding protrusions