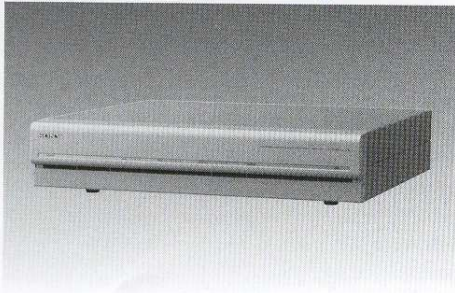


# NETWORK RECORDERS

NSR-100/NSR-50/NSR-25 **NEW**



## IPELA

JPEG  
MPEG-4

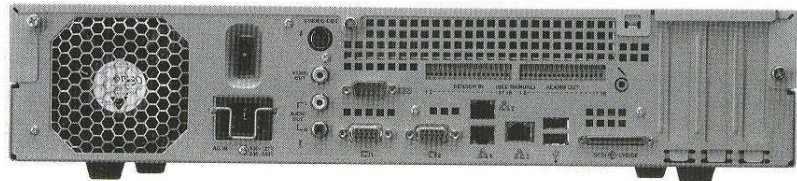
- High quality image recording and playback - supports a high frame rate
- MPEG-4/JPEG support
- Large capacity HDDs: 1000 GB, RAID 5, RAID 1, or RAID 0 (NSR-100), 500 GB, SPAN or RAID 1 (NSR-50), 250 GB (NSR-25)\*<sup>24</sup>
- Intelligent setup feature - provides simple and easy setting of recorders and cameras, including automatic IP address assignment.
- Flexible and easy-to-use GUI operation
- Ergonomically designed remote control unit (Optional RM-NS10 Remote Control Unit)
- Flexible recording and playback functions; Manual recording, Scheduled recording, Alarm and Pre-Alarm recording, Playback during recording
- Quick and flexible search functions; Quick search, Recording list search, Advanced search
- Analog camera support\*<sup>25</sup>
- Camera pan/tilt/zoom control
- Intelligent Motion Detection
- Remote operation with a PC running the supplied RSM controller software
- Audio recording, monitoring, and playback function\*<sup>26</sup>
- Privacy masking function
- Compatible with external Network Attached Storage (NAS) systems
- Network Security feature - User privileges
- File export to CD-R/DVD-R/Compact Flash card
- Hot-swap capability (NSR-100 only)\*<sup>27</sup>
- Uninterruptible Power Supply (UPS) support

\*<sup>24</sup> Recording capacity can be expanded up to 500 GB using an optional NSBK-250 HDD Expansion Unit.

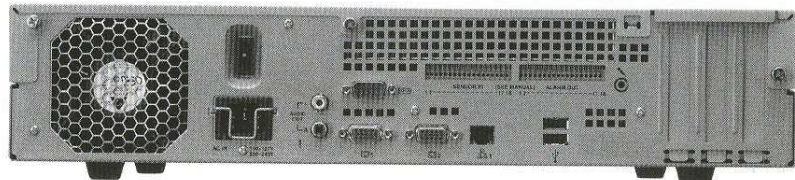
\*<sup>25</sup> An optional SNT-V704 Video Network Station is required.

\*<sup>26</sup> When using Sony network cameras configured with a microphone.

\*<sup>27</sup> HDDs can be hot swapped when the unit is set to RAID 5 or RAID 1.



NSR-100/NSR-50 Rear Panel



NSR-25 Rear Panel

# SPECIFICATIONS

## NETWORK RECORDERS

|                                |   | NSR-100   | NSR-50                     |                            |                            | NSR-25                             |
|--------------------------------|---|---|----------------------------|----------------------------|----------------------------|------------------------------------|
| <b>Video/Recording</b>         |   |   |                            |                            |                            |                                    |
| Number of IP Cameras Supported |   | 64 Max.   | 32 Max.                    |                            |                            | 20 Max                             |
| Video Compression              |   | MPEG-4 or JPEG  |                            |                            |                            |                                    |
| Maximum Recording Rate*        |   | 480 fps   | 240 fps                    |                            |                            | 120 fps                            |
| Hard Disk Drives               | Physical Capacity                       | 1,000 GB (250 GB x 4)   | 500 GB (250 GB x 2)        |                            |                            | 250 GB (250 GB x 1)                |
|                                | Interface                               | Serial ATA  |                            |                            |                            | -                                  |
|                                | RAID Level/Recording Capacity (approx.) | Hardware RAID (Hot Swappable when set to RAID 5 or RAID 1)  |                            | Software RAID              |                            |                                    |
|                                |   | RAID 5 (Default)<br>700 GB  | RAID 1<br>460 GB           | RAID 0<br>940 GB           | SPAN (Default)<br>460 GB   | RAID 1<br>210 GB                   |
| Network File System (for NAS)  |   | Supports NFS Version 3 protocol   |                            |                            |                            |                                    |
| <b>Video Interface</b>         |   |   |                            |                            |                            |                                    |
| Monitor OUT                    | #1                                      | RGB connector x2 (Front and Rear Panel, cannot be used simultaneously)  |                            |                            |                            | RGB connector x1                   |
|                                | #2                                      | RGB connector x1  |                            |                            |                            |                                    |
| Video Output                   |   | S-Video x1  |                            |                            |                            | -                                  |
| Analog Composite OUT           |   | RCA-pin x2 (Front and Rear Panel, cannot be used simultaneously)  |                            |                            |                            | -                                  |
| <b>Audio Interface</b>         |   |   |                            |                            |                            |                                    |
| Mic IN                         |   | Mini jack x1 (front), x 1 (rear)  |                            |                            |                            | Mini jack x 1 (rear)               |
| Line OUT                       |   | RCA-pin, L/R x1 stereo pair, (front and rear panel)   |                            |                            |                            | RCA-pin, L/R x1 stereo pair (rear) |
| <b>Sensor/Alarm</b>            |   |   |                            |                            |                            |                                    |
| Sensor in                      |   | 8-channel photo-coupler (DC3.3-24V)   |                            |                            |                            |                                    |
| Alarm out                      |   | 8-channel relay (Max. 24V 1A)   |                            |                            |                            |                                    |
| <b>Other Interfaces</b>        |   |   |                            |                            |                            |                                    |
| Ethernet                       |   | 1000Base-T/100Base-TX/10Base-T x3 (automatic switching)   |                            |                            |                            | 1000Base-T/100Base-TX/10Base-T x1  |
| USB                            |   | Front x2, Rear x2   |                            |                            |                            | Rear x 2                           |
| Serial interface               |   | RS-232C x1 (for UPS)**  |                            |                            |                            |                                    |
| <b>General</b>                 |   |   |                            |                            |                            |                                    |
| Dimensions (W x H x D)         |   | 430 x 87 x 417 mm (17 x 3 1/2 x 16 1/2) excluding protrusions   |                            |                            |                            |                                    |
| Mass                           |   | approx. 13 kg (28 lb 11 oz)   | approx. 12 kg (26 lb 7 oz) | approx. 11 kg (24 lb 4 oz) |                            |                                    |
| Power requirements             |   | AC 100 to 127/AC 200 to 240 V   |                            |                            |                            |                                    |
| Power consumption              |   | approx. 300 W (350 W max.)  | approx. 200 W (350 W max.) |                            | approx. 170 W (350 W max.) |                                    |
| Operating temperature          |   | 5 to 40° C (41 to 104° F)   |                            |                            |                            |                                    |
| Operating humidity             |   | 10 to 80% (non-condensing)  |                            |                            |                            |                                    |
| Supplied accessories           |   | Front panel key, Installation guide, Remote control unit operation card, Recovery CD, Manual/Tool/ Source codes CD, Rubber feet (4) |                            |                            |                            |                                    |

\* Recording frame rates shown in the table represents the total frame rate per recorder unit when recording images at JPEG, Level 5 using the SNC-RZ30, and without live image monitoring.

\*\* Please contact your local Sony sales office for a list of recommended UPS systems.