

The New Industry Standard

for On Location Video Back-Up

NEXTODI

Video Storage Pro **NVS 2500**



**Full Color
Preview
Watch Dailies
Instantly!**

Awards



80MBs

Fastest
back up speed!

**MPEG
MPEG-4 AVC**

Portable Video Storage for
**Professional
Video Cameras**

including;

**SONY
SxS**

**Panasonic
P2**

NEXTODI

NVS 2500 Video Storage Pro

- OTG - on the go
- Exclusive X-Copy Technology
for Extremely Fast Back-up
- Multiple Power option
- High Capacity Storage with 2.5" SATA Hard Drive
- Available in 320GB & 500GB HD, 128GB & 256GB SSD
- Forward Compatible to 2TB
- 2.4" Color LCD Monitor - Preview Footage
- Two Year USA Warranty



X-Copy Technology

X-Copy is NextoDI's patented technology that enhances the backup speed of Nexto series up to 6 times. (Korean patent No. 0445182, US patent No. US7,447,853 B2)

Rugged.

SATA Hard Drive Protection
with internal Free Fall sensor, internal
shock absorbers and rugged housing
to protect from external shock!

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Highlights

1. Portable memory card backup storage with native SxS card slot.
2. Backup and video support for wide range of video camcorders
3. Concurrent backup to both internal storage & external USB HD.
4. Fastest back up speed – 80MB/s.
5. High end external hard drive with eSATA/USB/FireWire support.

Features

1. Fastest backup speed
 - Four times faster to backup SxS cards than a laptop.
 - Copy the stored data to a computer using 3.0Gbps eSATA interface.
 - Average backup speed of SxS (SxS-1) cards by NVS2500 is 80MB/s.
 - Average backup speed of SxS cards by an SxS card reader and a laptop is about 20M/s. Only 3.4min of backup time by NVS2500 compared to 13.7min by a laptop with 20MB/s transfer speed. The maximum transfer speed of an SxS card is 100MB/s.
 - Average backup speed of P2 cards is 56MB/s, & 70MB/s for P2E cards.
2. Portable storage with a built-in battery.
 - Strong tool for field operation.
 - Small size and light weight device for easy portability.
 - Built-in ExpressCard/34 card slot for SxS/SxS-1 card backup
 - Backup support for P2 cards with an adapter
 - Backup support for Ikegami GFPACK via USB OTG
 - Back-up support for RED camera CF cards.
 - Shorten your editing time by storing all your footage on a single device.
3. High capacity storage with 2.5" SATA hard drive or SSD drive (Factory sealed shell)
 - Shorten your editing time by storing all your footage on a single device.

Technical Specifications

Device	NEXTODI VIDEO STORAGE PRO
Model Number	NVS2500
LCD	2.4" Color TFT LCD : 320*240, 64K color
Video preview	XDCAM MPEG2 4:2:0 (.mp4), HDV MPEG2-TS/DVCAM/DV AVI Type 1/Raw DV (.m2t, .avi, .dv), AVC-Intra 100/AVC-Intra 50 (.mxf) – at a preliminary speed, DVCPRO HD/DVCPRO 50/DVCPRO/DV (.mxf), Ikegami MPEG2 4:2:2 (.mxf), Convergent Design MPEG-2 (.mxf, .mov), JVC MPEG-2 4:2:0 (.mov, .mp4).
Preview speed	Best effort preview, Pseudo 1x (with frame drops), 3x, 15x, 30x, 60x.
Card slots	SxS ExpressCard/34 Compatible. Follows SxS spec.CF CF Type 1/2, Micro Drive 3 in 1 SD / SDHC / MMC / MMCPlus / MemoryStick / MS Pro-HG / MS Pro MagicGate
Back-up speed	SxS : Avg. 80MByte/sec P2: Avg. 56MB/s, P2E: Avg. 70MB/s CF/SDHC/MSpro : Avg. 26MB/s(CF), 20MB/s(SDHC), 10MB/s(MSPro)
Battery Internal	3.7V 4600mA rechargeable Li-Poly battery (120 min) * Rechargeable by AC adapter, USB cable, FireWire 6-6pin cable, and Cigar Jack charger
External	AA Battery holder for recharging Internal battery with four standard AA cell batteries (40 min)
AC power adapter	Input: 100-240VAC Output: 12V/1A DC
Bus power operation	Operate with USB bus power or FireWire(IEEE1394) cable power
Computer Interface	eSATA : 3.0Gbit/sec, USB2.0 : 480Mbit/sec, FireWire(IEEE 1394) : 400 Mbit/sec
File system format	Internal hard drive : FAT32 / Memory card (including SxS) : FAT12/16/32
OS Compatibility	Windows VISTA/XP/2000/ME, MAC OS 9.2 or above, Linux2.4.18 or above
Dimensions	154mm * 91mm * 33mm (6.1inch * 3.6inch * 1.3inch)
Control buttons	Single button control with four way jog stick for browsing and power on/off button
Firmware upgrade	Via USB flash drive or flash cards
Data safety	Verify function, Sync function, Internal shock absorbers inside the enclosure. Rugged jacket to protect the storage from external shocks. Multiplue backup (USB host) function. (With this feature, if a memory card is inserted to a Nexto, the data is copied to the internal built-in hard drive and an external hard drive which is plugged into the Nexto using a USB cable). Free fall sensor.
Weight	430g/15.1oz (with Hard drive)
Contents	NVS2500 Main unit / P2 card adapter / AC power adapter USB cable / eSATA Cable / FireWire cable / Cigar Jack charger cable Shock protection rubber jacket / AA battery holder / Manual

4. Cost effective.
5. Preview your video footage for the safeties.
 - Preview using 2.4" color LCD.
 - Confirm the backup using [PREVIEW] function.
 - Indicates previous backup state at the next power up.
 - Supports video formats from a number of video products including Sony XDCAM, Sony HVR Series, P2CAM (AVC-Intra/DVCPRO HD/DV PRO 50/DVC PRO/DV), Ikegami, JVC, Convergent Design.
 - Automated bit-by-bit verification for 100% proof of backup success (hardware-based, up to 86MB/s).
 - Preview of video footage in memory cards and external HD.
6. Versatile power usage
 - Charge by car charger adapter cable.
 - Charge by USB.
 - Charge by FireWire 6-6pin.
 - Charge by power adapter. Supports wide range input voltage 6~27V.
 - Support external AA battery holder.
7. Shock protection
 - Automatic hard drive protection using internal free-fall sensor.
 - Non-elastic shock protection material inside for protection from physical shock.
 - Rubber made shock absorber to endure high-G shock.
 - Shock protective rubber end-caps.
8. Easy to generate secondary backup using USB host functionality.
 - Concurrent backup to both internal HD and external USB HD.
 - Can export internal data to external USB HD using USB host function.
 - Export the backup folder in internal HD to CF/SD/MS.



Upcoming Features

- * will be supported by a firmware upgrade
- Supports Blu-ray Burner: Offers USB interface to a portable Blu-ray burner and disk authoring to make original disk.
- Safe Copy: Checks for bad sectors prior to copy. Bad sectors are marked and data written to next good sector.
- Sector Recovery: Scan of drive surface. If bad sectors are found, data is moved to a good sector. Saves the entire footage with possible loss of a few frames only.