



Ninja Forensic Version

Forensic Hard Drive Data Acquisition Tool



Forensic Data Extraction

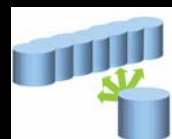


HDD Test and Repair

HDD Wipe (Erase)



HDD Duplication



Forensic Data Acquisition

Acquire suspect hard drives in DD Image format and apply MD5 Hash for verification. Entire Process is fast, efficient and reliable.



- ✓ **SATA I/II + IDE Support** (3.5" and 2.5")
1.8", 1.0", 0.85" & FC support w/optional adapters
- ✓ **Built-In Write Protection**
Secure evidence and master data protection
- ✓ **HPA Enable/Disable Functions**
Gain access to entire HDD platter

Special Data Extraction Functions

Our new Data Recovery Copy® function acquires data from unstable hard drives by reading damaged sectors and jumping unreadable sectors to acquire all usable data on a hard drive. This is what sets the Ninja apart from the competition!



- 1) Acquire Error-Sector Data** applies read-long command to acquire data from damaged HDD sectors that cannot be read by other data acquisition tools (UNC Errors)
- 2) Skip Unstable Sectors** automatically jumps unreadable sectors to acquire maximum data using hardware and software HDD resets to maintain HDD integrity
- 3) Adjustable Parameters** allows user to image HDD forward & backward, extend sector-read attempts, timeouts and power on/off time to maximize acquisition

Must-Have Feature for Data Recovery

Features

- ❖ **Forensic Investigation**
Copy to DD Image File and verify with MD5 Hash algorithm.
- ❖ **Duplication**
Data-Only Copy and Mirror-Copy options. Speed up to 4 GB per minute
- ❖ **Data Recovery**
Recover data from damaged or unstable hard drives
- ❖ **Test Functions**
Quick Test, SMART check, full HDD inspection, life cycle tests
- ❖ **Data Destruction**
DoD, HPA & NSA Compliant
- ❖ **Universal Support**
Supports any brand & model ATA or SATA I/II hard drive standard package supports 3.5" and 2.5" ATA, SATA I/II (adapters needed for other types)

* Specifications subject to change without notice

- FREE UPDATES FOR 12 MONTHS
- LIFETIME CUSTOMER SUPPORT
- 12 MONTH WARRANTY

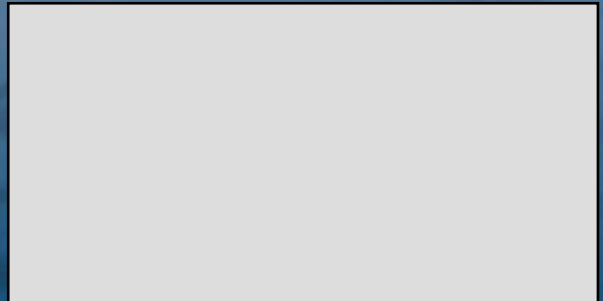
*Includes
Carry Case With
Field Tools*



HDD Interface	SATA-I/II Native,* ATA/IDE Native, * Write Block for Suspect/Master Hard Drive
HDD Ports	Suspect (Master): 1 Target:1
Compatible HDD	Any Manufacturer's HDD up to SATA – 144 PB Max., ATA (EIDE) 144 PTB Max.
Host Interface	USB (For PC connection)
HDD interface Mode	-Any IDE mode (ATA PIO0~2/UDMA0~6 mode) -SATA I / II (300MB/s interface speed compatible)
HD Power Control	Adjustable Voltage +5V+/-5% (3.3V) , +12V+/-8%
AC Power	AC100~240V 50/60Hz (less than 2A)
Forensic Mode	*DD image with specified file size from 1MB~2,00MB (Hash: MD5), Sector-Sector HDD duplication with CRC check (Identical HDD Size Clip for target Hard Drives), MD5 Hash Calculation, FAT32 Format Copy: Data-Only Copy for NTFS/FAT
Duplication Mode	Systems. <u>Smart Copy</u> : Data-Only Copy for Linux, OSX (Mac), Unix and others. <u>Data Recovery Copy</u> : Skip bad sectors. <u>Flexible Copy</u> : Control distribution of data on Target HDD platter. <u>Sector-to-Sector Copy</u> : Mirror copy w/CRC compare FS Map, <u>HPA Control</u> : HPA on/off/detect
Test Mode	SMART Status Check, MFG Quick Test, MFG Extensive Test, Mechanical Components Test, Complete Platter Test, Read/Write/Verify, Random Seek Test
Repair Mode	Bad Sector Mask (HPA), Reassign Bad Sectors, Address mark Correction, HDD Self Repair/Calibration Enforcement
HDD Erase Modes	Low Lever Format with specified HEX value, Multiple Time Overwrite with specified HEX value, DoD 5220.22M, and NSA compliant data destruction
Dimensions	W27 x D23 x H5 (mm)
Weight	2.4 lbs
Option	Adapters available for ATA HDD (3.5", 2.5", 1.8", 1"), SATA (2.5 inch)

Product Includes

- Ninja Main Unit
- AC Power Cable (G-100)
- Hard Drive (HD) Power Cable (Y-7110) (x2)
- ATA (EIDE) Interface Cable (Y-7030) (x2)
- SATA Interface Cable (Y-7050) (x2)
- 3.5 <-> 2.5 HDD Interface conversion PKG (J-6003) (x2)
- DC Connector Pullout Jig (Y-9030)
- PC Cover removal Jig
- Carry Case with Tool Set
- PC Host Control Software (CD)



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1 gigabyte = 1,000,000,000 bytes. Total capacity and speed vary depending on Hard Drive. Patent pending on YEC mirror technology.