

NINJA Forensic

Built-in
Write Protection

Ji2

Hard Drive Imager for Forensic Data Acquisition

Interface: SATA I/II • ATA/IDE

The Ninja Forensic is a fast and efficient Forensic Data Recovery product. It is the world's only stand-alone hard drive duplicator equipped with the capability to extract data from damaged or unstable hard drives in a forensic format. This stand-alone unit has various automatic settings to maximize user success rate and includes free loggin and reporting software.



High Speed HDD Imaging + MD5 Hash Verification

Copies hard drives at maximum HDD transfer speed 2-4 GB/min in DD image or Bit-to-Bit format

Bad-Sector Skip Functions for Data Recovery

1 Acquire Data from Unstable Sectors

Applies read-long command to acquire data from damaged HDD sectors that cannot be read by other data acquisition tools (UNC Errors)

2 Skip Unrecoverable 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, time-outs and power on/off time to maximize acquisition

Data Wipe / Erase for Data Security

Wipes hard drives according to various data security standards at maximum hard drive transfer speed

DoD 5220.22M NSA Low Level Format Security Erase

Comes Standard with Carry Case & Field Tools



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 4GB 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

Compliant with DoD and NSA

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

| | |
|---------------------------|---|
| 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 ATA/SATA HDD up to 144 PB (full 48-bit addressing support) |
| Host Interface | USB (For PC connection) |
| HDD interface Mode | Any ATA/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~2,000MB (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 Erase Modes | Low Level Format with specified HEX value, Multiple Time Overwrite with specified HEX value, DoD and NSA compliant data destruction |
| Dimensions | W270 x D230 x H50 (mm) |
| Weight | 2.4 lbs. |
| Option | Adapters available for ATA HDD (3.5", 2.5", 1.8", 1") |

Specifications subject to change without notice

Package Includes: Ninja-F Main Unit, AC Power Cable, HDD Power Cable (Y-7111) x2, ATA Interface Cable (Y-7072) x2, SATA Interface Cable (Y-7052) x2, 2.5" ATA Adapter (J-6003) x2, DC Connector Pullout Jig (Y-9030), PC Cover Removal Jig, Carry Case with Tool Set, PC Host Control Software CD