

# **Image MASter Solo III Forensic**

## **Portable Forensic High Speed Data Acquisition Tool**

- **Transfer rates up to 3GB/min.**
- **Supports MD5/SHA-1/SHA-2 Hashing**
- **Write-Protection**
- **FireWire/USB Data Acquisition**



Designed exclusively for Forensic applications, the Image MASter Solo III Forensic system is a light weight portable, hand-held high speed data acquisition device. It incorporates all the functionality of the Solo 2 Forensic and LinkMASter with greater transfer speed.

Using the unit's on-the-fly MD5/SHA-1/SHA-2 and CRC32 hashing capabilities, provides the tools necessary for reliable and verifiable forensic data seizure operations.

### ***Built-in Features and Options***

- High speed transfer rates up to 3GB/min
- Touch screen user interface
- Protects suspect's data using built-in write protection.
- Supports on-the-fly hashing using MD5/SHA-1/SHA-2 and CRC32
- Seize from suspect's unopened notebook or PC through FireWire 1394B or USB 2.0 interface
- Seize in Forensic sector-by-sector format or segmented file format (LINUX-DD)
- Seize data to two hard drives simultaneously in UDMA mode speeds
- Detects & captures HPA and DCO hidden areas
- Supports IDE, Serial-ATA and notebook hard disk drives
- SCSI option available
- Seize from Mac (optional)

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## Description of Built-In Features & Options:-

### • **Multiple Media Types Supported**

Supports seizing of data from multiple media types include the following:

- Desktop IDE hard disk drives
- Desktop Serial ATA hard disk drives.
- Notebook drives.
- SCSI hard drives. Transfers data from a SCSI hard drive to an IDE hard drive via the optional PCMCIA-SCSI kit.

### • **Two Target Drive Seizure Capability**

The unit can seize the suspect's data to 2 target (evidence) drives simultaneously in UDMA mode.

### • **Capture Modes: Single Capture and Linux-DD Capture**

The Single Capture operational mode will seize the entire contents of the suspect's drive to the Evidence drive, creating an exact duplicate of all of the suspect's drive partitioned and un-partitioned areas. The Linux-DD Capture method will copy the entire contents of the suspect's drive. The data will be written as individual segmented Linux-DD files and stored in an individual subdirectory on the Evidence drive.

### • **Seize from unopened computer using one of two 1394B ports or one USB2.0 port**

The unit can connect to the suspect's computer FireWire or USB interface to seize data at high transfer rates (3GB/min) using a Bootable proprietary CD that is inserted in the suspect's computer. Seizing data from unopened Mac is an optional feature.

### • **Host Protected Area and Device Configuration Overlay**

HPA is a reserved area for data storage outside the normal operating file system. The unit will detect and capture this area. DCO allows systems to modify the apparent features provided by a hard disk drive. The unit detects and capture the DCO.

### • **Hashing: MD5/SHA-1/SHA-2 & CRC32**

The CRC/MD5/SHA-1/SHA-2 Signature Generator is used to help verify data integrity by generating a 32-bit (CRC) and one of the following: 128-bit(MD5), 160-bit(SHA-1) or 256-bit(SHA-2) signature "finger-print" of the seized and the copied data. The CRC/MD5/SHA-1/SHA-2 value of the suspect drive and the evidence are generated during capture operation.

### • **Bad Sector Handling**

Skips bad sectors to allow capture of all readable data. Pad's corresponding sectors on target drives with zeroes.

### • **PCMCIA Port**

Provides method of saving event log information, and loading new application software, with a Compact Flash card.

### • **WipeOut**

Supports the Department of Defence specification 5220-22m for sanitising drives. This feature is used to erase the evidence hard drive of all previously existing data.

### • **Touch Screen Interface**

The IM Solo III Forensic unit provides an easy to use graphical Touch Screen menu driven display, which the user can use to configure, control and operate the unit.

## Options are:-

### • **SCSI**

Copy from SCSI to IDE using PCMCIA adaptor & software.

### • **Mac Option**

The software allows the user to copy unopened Mac computer's, sector by sector, with the highest standards of verifications - MD5/SHA-1/SHA-2.

### • **Archiving**

The kit includes a DVD Recorder for archiving and restoring suspect's captured images.

### • **Hard case**

### Other Products:-

- Software Cloning Tools
- Hard Disk Duplicators
- Floppy Disk Copiers
- CD Duplicators
- CD Printers

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### Media Duplication Services For:-

- Blank Media Supply
- Floppy Disk
- CD
- DVD
- Tape
- Standard or Customised Packaging
- Fulfilment Service