

A NEW AGE IN FORENSIC IMAGING



Rapid Image™

Forensic MultiDrive Duplicators



The Rapid Image MultiDrive Forensic Duplicators mark a New Age in Forensic Imaging with the introduction of the newest technology to automate and facilitate massive forensic imaging projects. The Rapid Image Forensic Duplicators are the only units in the market to provide investigators with the unique capability to capture up to 10 Suspect SAS, SATA or IDE Hard Drives to 10 Evidence Drives and to remotely monitor and control the forensic imaging from a securely networked PC. Additionally, the units are capable of transferring captured LinuxDD case files from up to 20 Evidence Drives to networked storage, providing hash verification logs of the transferred files and doing it all with minimal user interaction.

Key features

- Copies up to 10 "Suspect" Hard Drives to 10 "Evidence" Hard Drives (or any combination up to 20 drives) simultaneously at speeds exceeding 6GB/m.
- Sanitizes up to 20 Hard Drives to DOD specifications.
- Utilizes Windows XP Professional with full Gigabit network connectivity.
- Uses 8" touch screen LCD. No need for an external display, mouse or keyboard. The user interface provides 3 graphical levels and the operational wizard allows user to easily operate the unit. The advanced settings mode can also be selected for low level control.
- Copies IDE drives* at full Ultra-DMA 6 speed. Copies SATA-I, SATA-II and SAS drives at their respective speeds. SAS drive transfer rates exceed 6GB/min for up to 16 "Evidence" drives.
- Can detect 20 drives in less than one minute.
- Provides Drive Auto-Insertion Mechanism that consists of two Drive Docking and Two Drive Caddy Housings. Both are removable and each can host 8 drives with **cable-less** insertion and ejection mechanism for SATA and SAS drives.
- Each Drive Housing has built-in cooling fans with temperature sensors to keep hard drives operating optimally.
- The Unit has the unique ability to run multiple commands from the duplication application to allow flexible configurations and does it all with minimum speed degradation.
- Transfers captured LinuxDD case files from up to 20 Evidence Drives to networked storage, providing hash verification logs of the transferred files.
- Supports IQ Copy, Full image, LinuxDD, Percentage Image, Verify, Hashing Mode (CRC32, MD5 to SHA-1, SHA-2) and WipeOut.
- The unit's Control Network Application software controls and monitors each forensic imaging operation from a securely networked PC. User can perform all applications, processes and commands remotely. Connection to the unit is secured through user name and password prompt.
- The **cable-less** insertion mechanism incorporates a small, low cost and easy to replace connector board (SAS/SATA board and IDE board) for every slot.
- The unit provides the ability to lock settings for secure operation.
- Supports HPA/DCO.



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MultiDrive Forensic Duplicators

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* The Rapid Image IDE Option is available and sold separately

Unit's Software and Windows-based advantages

- Unit provides multiple operational Copy Modes such as: IQCOPY (Allocated Cluster Copy), Full Image, Percentage Image (All Sector Copy), Verify, Hashing Mode (CRC32, MD5 to SHA-1, SHA-2) and WipeOut.
- IQCopy mode copies only allocated clusters and supports partition scaling for Windows File Systems, LINUX, OS10 and SOLARIS Operating Systems.
- Remote Network Application software remotely controls and monitors each forensic duplicator that is connected to the network.
- Database Option: Statistical data collection in an SQL database format from every system and drive. Information such as Unit SN, Drive Slot, Image Size and Name, Drive Model Type and S/N, Time Date Stamp, Results and more are recorded.
- Full Windows access to each "Master" and "Target" drive: Suspect or Source Drive is Write-Protected to allow secure data imaging process.
- Run multiple instances of the duplication applications for more flexible configurations.
- Intuitive 3 level graphical User Interface (Advanced, Simple and Wizard): Operational Wizard allows user to easily operate the unit. Advanced Settings can also be selected for low level control.
- Lock setting for secure operation.
- The 1GB Ethernet connectivity, along with ICS MultiMASter technology provides easy image management capabilities which helps free up "Master" drives.
- Upload and Download images from/to the network.
- Future support for WIM image transfers to different "Target" drives in the same load.
- Future support for Barcode Readers for production flow integration.
- Future optional software: Extensive Drive Diagnostics.

Available models

- **Rapid Image 7020**
Copies up to 10 'Suspect' Hard Drives to 10 "Evidence" Hard Drives (or any combination up to 20) simultaneously.
- **Rapid Image 7012**
Copies up to 6 'Suspect' Hard Drives to 6 "Evidence" Hard Drives (or any combination up to 12) simultaneously.



Available Options

- **Drive Docking and Caddy for 2.5" SATA hard drives**
Maximize your unit's capabilities and add the option to copy 2.5" hard drives
- **Rapid Image IDE Support per Channel Option**
Allows user to replace the small interface boards with short IDE cables.
- **IDE 8 Channel Host and Drive Caddy Option**
Expands the Rapid Image unit versatility by allowing the support of IDE Hard Drives. This Option comes complete and ready to plug into the unit.
- **Status Light Tower**
The Light Status tower is ideal for quickly and visibly obtaining status of each process performed by your Rapid Image unit
- **"Flip" window**
Protects the touch screen display for use in harsh environments.



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