



# A New Standard in Digital Forensics

## The Fastest Forensic Imaging Solution Available

- **Fast forensic imaging at 20GB/min**
- **Image and verify from 4 source drives to 5 destinations**
- **Image to or from a network location**
- **Multi-tasking. Perform image, wipe, hash tasks concurrently**
- **Parallel imaging. Image the same source drive to multiple destinations using different imaging formats**
- **Web-based user interface. Allows remote access using a web browser**



Without exception, the fastest and most technologically advanced forensic imaging solution available. Feature-packed, power-rich performance in a space-saving footprint that provides expandability to meet future technology advances. This unparalleled solution is designed for demanding forensic imaging tasks and sets a new standard of excellence in digital forensic data imaging solutions.

### FEATURES

- The Falcon is the fastest forensic imaging solution available, achieving speeds of 20GB/min. Meets future hard drive speed improvements with SAS/SATA-3 6GB/s maximum rated speed of 37GB/min
- Image and verify to multiple image formats; native copy, dd image, e01, ex01 and file-based copy. E01 features user-selectable compression levels. Uses SHA1, SHA256 or MD5 authentication
- Multiple imaging ports. Write-protected source ports include 2 SAS/SATA, 1 USB 3.0, 1 Firewire. Destination ports include 2 SAS/SATA, 2 USB 3.0 and 1 Firewire. Gigabit Ethernet port for network connectivity. An optional PCI express card interface (for new/future technologies such as Thunderbolt) is planned for future availability
- Multi-task. Improve efficiency and shorten evidence collection process with the ability to hash one drive, while wiping or imaging to another
- Web-based user interface allows users to connect to the device from a web browser and manage all operations remotely. The browser features automatic page scaling for iPad type devices
- Parallel Imaging. Simultaneously perform two imaging tasks from the same source drive to multiple destinations using different imaging formats. For example, clone to a network location or a destination drive while imaging to a different destination drive using different imaging formats (e.g. native copy and e01)
- Concurrent Image+Verify (patent-pending). Imaging and verifying concurrently takes advantage of destination hard drives that may be faster than the source hard drive. Duration of total image process time may be reduced by up to half
- Built-in support for SAS/SATA/USB/FW storage devices, support for 1.8"/2.5"/3.5" IDE and 1.8" ZIF and microSATA drive interfaces using adapters included with Falcon. Optional adapters are available for eSATA, mSATA and compact flash drives
- Image to or from a network location. Use the Falcon to image to a network location using CIFS protocol and/or image from a network location using iSCSI. CIFS protocol provides file system access and the highest level of security and control. Users can use iSCSI as a source or destination drive.
- The device can perform a forensic, filter-based file copy. User can select certain file types (PDFs, word docs, JPEGs) to copy
- Secure sensitive evidence data with whole drive AES 256 bit encryption. Decryption can be performed using the Falcon or by using off-the-shelf decryption software

[www.logicube.com](http://www.logicube.com)

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### FEATURES cont'd

- Multi-pass wipe (DoD specifications) or use secure erase to wipe drives
- Image to an external storage device (such as a NAS) using the Gigabit Ethernet, USB 3.0 or SAS/SATA connection
- Features write-protected source ports. Use the Falcon as an external write-blocker (via the USB 3.0 device port) for secure drive preview/image transfer
- Optional destination drive bay module provides easy slide-in design and includes a locking door for added security. This option is planned for a future release
- Tasks Macro feature. Allows users to set specific tasks to be performed sequentially. For example, first wipe and then image a drive using e01 or dd
- Network capture. Capture network frames to a PCAP file format. Decode using off the shelf tools, e.g. WireShark. Planned for a future release.
- Administrative feature allows users to save configuration settings and set user profiles. This feature is planned for a future update
- Features an internal, removable storage drive that stores O/S and audit trail/logs. The drive is easily removed for secure/classified locations
- Additional features include HPA/DCO capture, audit trail/logs, large 7" color touchscreen display, on-screen keyboard, two USB 2.0 host ports for keyboard, mouse or printer connectivity. Drive spanning, keyword search, network image push and a battery pack option are planned for a future release

### IN THE BOX

The following items are included with the Forensic Falcon:

- Power supply & power cord
- 1 Firewire cable
- 1 CAT6 network cable
- 4 SAS/SATA cables
- 2 USB 3.0 cables
- 1 USB 3.0 device cable
- 1.8" microSATA adapter
- 1.8" IDE ZIF to SATA adapter
- 2.5"/3.5" IDE to SATA adapter
- 1.8" IDE to SATA adapter
- CD-ROM with software & users' manual
- Carrying case

### OPTIONS

The following options are available for the Forensic Falcon:

- eSATA cable
- mSATA adapter
- Locking drive bay module (planned for a future release)
- Battery pack (planned for a future release)
- Flash Media Reader for compact flash cards, SD cards and other flash media

### SPECIFICATIONS

| Power Requirements | Power Consumption  | Operating Temperature      | Relative Humidity | Net Weight   | Dimensions   | Agency Approvals |
|--------------------|--------------------|----------------------------|-------------------|--|--|------------------|
| 12 VDC<br>12 Amp   | < 140W with drives | 0 to 40°C<br>(32 to 104°F) | 20% to 80%        | 2.4lbs/1.09k<br>9lbs/4.3k with case & shipping box | 8.5" W X 3" H X 6.25" D<br>21.6cm X 7.6cm X 15.9cm | RoHs compliant   |

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