



SuperImager[®] Plus Desktop Gen-3 Forensic Unit

Multiple Sources/Targets Computer Forensic Imaging Lab Unit
A Linux Imaging unit with Dual Boot to Windows 10

- Performs Forensic Imaging from 4 SAS/SATA “Suspect” drives to 4 SAS/SATA “Evidence” drives simultaneously in 4 parallel sessions
- Captures & Uploads 8 Forensic Images to a network in 8 parallel sessions

Part #: SIL-0007

- 8 SAS/SATA Ports with Open Tray
- 10 USB3.1 Ports
- Optional Expansion: SCSI, FC, 40GbE/s, 1394, TB, NVMe
- Include Virtual Drive Emulator

The Application:

- Designed to work with touch screen display, with easy navigation icons and screens
- Image 4:4 SAS/SATA drives and 5:5 with USB3.0/USB3.1 storages
- Optimized for Multi-Core CPU with multi-threading to achieves extreme speed, especially when running E01 format compression operation
- Is flexible in re-assigning role of Source/Target for Evidence port
- Drive’s Diagnostics: 3 S.M.A.R.T. tests and Read-Verify test
- Mixed operations such as HASH, Erase, Capture data from digital storage devices all in multiple sessions operation
- Save Forensic Images (DD, E01) to a network (NFS, SAMBA, CIFS)

To use the unit as a Platform, the user can:

- Complete a full investigation by running full Encase, FTK, Nuix, and P2 Commander Forensic Analysis tools
- Run multiple Cell-phones data extraction and analysis



Dual Boot Option

For Data Capture:

- ◆ Perform Forensic Imaging under Linux for a faster, more efficient and a more secure operation

To Analyze the Data Captured:

- ◆ Reboot the unit to Windows
- ◆ Use third-party applications to perform data analysis

Fast & Affordable

Acquire data From

- ◆ Drives: SAS/SATA/IDE
- ◆ Flash Media: MSATA/MicroSATA/M.2 SATA
- ◆ FC/SCSI/1394/TB/USB3.1/M.2 PCIE NVMe*
- ◆ Multi Media Cards
- ◆ SSD & USB Storage Devices
- ◆ Network



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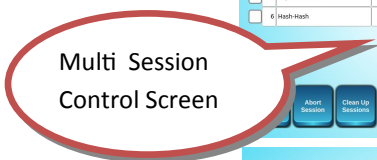
Forensic Lab Unit (Linux) FEATURES

- Captures data from digital storages devices with many types of form factors and interfaces(2.5", 3.5", ZIF, MSATA, MicroSATA, M.2 SATA, Ultra SATA, Slim SATA)
- USB3.1 ports can be converted to SATA ports with the use of USB3.0 to SATA adapters (use of 4 Channel KIT)
- Previews data on the "Suspect" drive in secure environment
- Captures and copy across many ports and interfaces
- Simultaneously calculates HASH values with all the 3 MD5/SHA1/SHA2 at the same run
- Automatic support for DCO/HPA special areas
- Supports Bad Sector Handling (with 3 types of reporting)
- Encryption/Decryption with AES256 on-the-fly
- Erases drives following DOD 5220-22M(ECE, E), Security Erase, or Enhanced Security Erase, Sanitize Erase Protocols
- Supports capture mode of: 100% bit by bit mirror copy, Linux-DD files, E01, EX01 with full compression, Mix mode where the target drives can be mix of DD/E01, Selective Imaging of Files and Folders, Keyword Search before the capture or while the capture, Partition imaging
- Supports Scripting to automate some operations
- Supports SAS/SATA/e-SATA/USB/IDE/mSATA/MicroSATA/M.2 SATA/TB/USB3.1/1394*/SCSI*/FC*/MiniPCIE*/M.2 NVME*/10-40Gigabit NIC*/



HARDWARE FEATURES

- 8 SAS/SATA ports with Open Tray, 1 e-SATA port
- 10 USB3.1
- 1 Gigabit/s Ethernet Ports
- Optional 8" Detachable Touchscreen Color LCD Display (800x600)
- HDMI, DP, USB2.0 ports



Sessions

#	Operation	Load	Time Left	Speed	Progress	Active	Error
1	Erase-Format	1.00%	00:00:00	20MB/min	100.0%	No	More
2	Capture-Erase	931.56%	00:24:11	7.5GB/min	79.0%	No	More
3	Erase-Format	1.00%	00:00:00	30MB/min	100.0%	No	More
4	Hash-Hash	931.56%	01:32:24	9.9GB/min	1.4%	No	More
5	Capture-Erase	931.56%	00:00:00	7.5GB/min	100.0%	No	More
6	Hash-Hash	931.56%	01:31:03	10.1GB/min	1.7%	No	More

SuperImager™

Capture
Restore
Erase
Hash
Run

System Specification

CPU: 7th Generation Quad Core i7
 Memory: 32GB DDR3
 Internal Storage: 250GB SSD
 PCIe bus: Gen 3
 SAS 3.0 controller: 12Gb/s SAS/SATA
 OS: Linux Ubuntu
 Power Supply: Universal auto switching 700W UL/CE/PSE approved.
 Input voltage: 100-240V/50-60Hz
 Net Weight: 35.00 Lbs.
 Basic Unit Dimensions: 18 x 16 x 4 inch
 Open Tray Dimension: 11 x 6 x 2 inch
 Display Pad Dimension 8 x 5 inch
 Environment: 5°C - 55°C (40°F-130°F)
 Relative humidity: 20-60% non-condensing.
 Shipping Weight: 28.50 Lbs.