SuperImager® *Plus* 12" NVMe + SATA Digital Forensic Portable Rugged Unit

Part #: SIR-0045

Cost effective unit configured with dual open OS Linux/Win

1. **Simultaneously capture data from NVMe SSD and SATA drives**
2. **Run Virtual Drive Emulator on "Suspect" drive**
3. **Run Multiple Logical Smartphones Data Extraction**
4. **Run Full Forensic Analysis (Windows side)**
5. **Expand with optional Thunderbolt Expansion Box**

- **12" Touchscreen color LCD Display**
- **2 NVMe U.2 Ports, 2 SATA ports in Drive's Bay Slots**
- **Thunderbolt 4.0 port - Great bandwidth for Expansion**

The Linux Application:

- **Designed to work with Touchscreen display, with easy to use navigation icons and screens**
- **Supports simultaneous multiple sessions in independent sessions**
- **Optimized for Multiple Core CPU, with multi-threading to achieves extreme speed, especially when running E01 format compression operation**
- **Flexible in re-assigning the role of Evidence port to Source for an upload**
- **Mix different operations such as HASH, Erase, Capture**

To use the unit as a platform the user can:

- Run a third-party Cellphone/Tablets Physical Data Extraction and Analysis tools
- Complete a full field investigation by running Encase, FTK, Nuix, Axiom Forensic Analysis tools
- Run Forensic Triage data collection and analysis

Options: Expansion for SCSI/1394/SAS/NVMe/Mac/10Gigabit/s

Dual Boot

For Data Capture:

- **Perform Forensic Imaging under most efficient Linux OS for a faster & more secure operation**
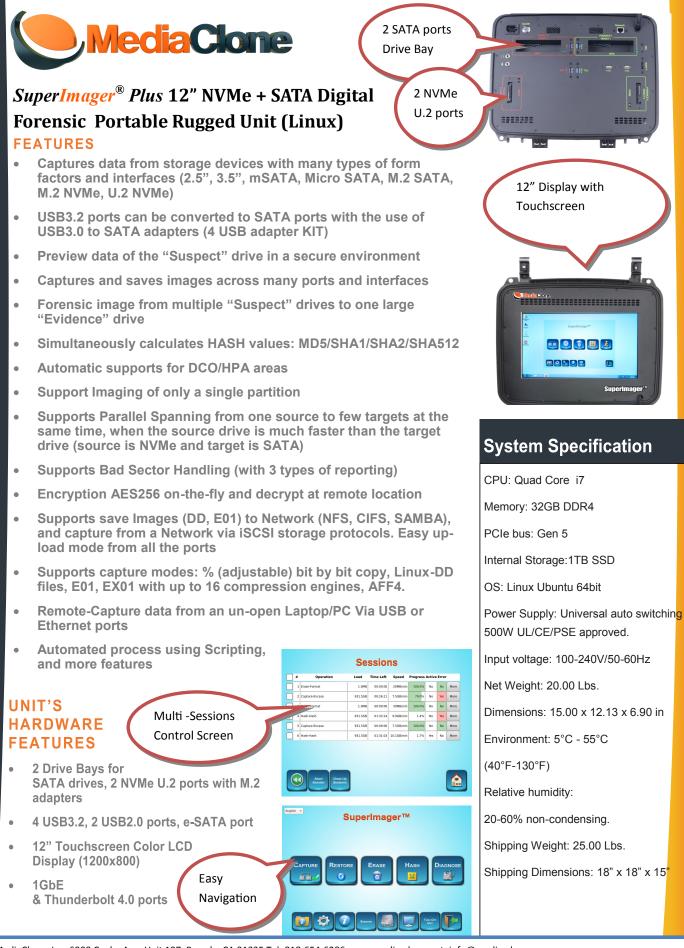
To Analyze the Captured Data:

- **Reboot the unit to Windows**
- **Use third-party applications to perform data analysis or cellphone Extraction**

Fast & Affordable

Acquire data From:

- **Drives: SATA/IDE/NVMe**
- **MSATA/MicroSATA/M2. SATA**
- **SAS*/SCSI*/1394*/FC***
- **Multi-Media Cards**
- **USB Storage Devices**
- **Network**

  * With Optional hardware via TB port

MediaClone

SuperImager® Plus **12" NVMe + SATA Digital Forensic Portable Rugged Unit (Linux)**

2 SATA ports
Drive Bay

2 NVMe
U.2 ports

FEATURES

- Captures data from storage devices with many types of form factors and interfaces (2.5", 3.5", mSATA, Micro SATA, M.2 SATA, M.2 NVMe, U.2 NVMe)

- USB3.2 ports can be converted to SATA ports with the use of USB3.0 to SATA adapters (4 USB adapter KIT)

- Preview data of the "Suspect" drive in a secure environment

- Captures and saves images across many ports and interfaces

- Forensic image from multiple "Suspect" drives to one large "Evidence" drive

- Simultaneously calculates HASH values: MD5/SHA1/SHA2/SHA512

- Automatic supports for DCO/HPA areas

- Support Imaging of only a single partition

- Supports Parallel Spanning from one source to few targets at the same time, when the source drive is much faster than the target drive (source is NVMe and target is SATA)

- Supports Bad Sector Handling (with 3 types of reporting)

- Encryption AES256 on-the-fly and decrypt at remote location

- Supports save Images (DD, E01) to Network (NFS, CIFS, SAMBA), and capture from a Network via iSCSI storage protocols. Easy up-load mode from all the ports

- Supports capture modes: % (adjustable) bit by bit copy, Linux-DD files, E01, EX01 with up to 16 compression engines, AFF4.

- Remote-Capture data from an un-open Laptop/PC Via USB or Ethernet ports

- Automated process using Scripting, and more features

12" Display with Touchscreen

UNIT'S HARDWARE FEATURES

Multi -Sessions Control Screen

- 2 Drive Bays for SATA drives, 2 NVMe U.2 ports with M.2 adapters

- 4 USB3.2, 2 USB2.0 ports, e-SATA port

- 12" Touchscreen Color LCD Display (1200x800)

- 1GbE & Thunderbolt 4.0 ports

Easy Navigation

System Specification

CPU: Quad Core i7

Memory: 32GB DDR4

PCIe bus: Gen 5

Internal Storage:1TB SSD

OS: Linux Ubuntu 64bit

Power Supply: Universal auto switching 500W UL/CE/PSE approved.

Input voltage: 100-240V/50-60Hz

Net Weight: 20.00 Lbs.

Dimensions: 15.00 x 12.13 x 6.90 in

Environment: 5°C - 55°C

(40°F-130°F)

Relative humidity:

20-60% non-condensing.

Shipping Weight: 25.00 Lbs.

Shipping Dimensions: 18" x 18" x 15"