

RAPID IMAGE™ FORENSICS

**HIGH SPEED, MULTI-DRIVE
FORENSIC DATA ACQUISITION AND SANITIZATION STATION
VALIDATED SPEEDS OF 13GB/MIN**

FEATURES:

- 1 High Speed
- 2 Operating Environment
- 3 Hard Drive Support
- 4 Fast Drive Detection
- 5 Versatile "Suspect" Drive Ports
- 6 Cable Free Drive Caddies
- 7 Multiple Modes of Operation
- 8 Network Storage Support
- 9 Advanced Drive Controller Technology
- 10 Cable Free Drive Caddies
- 11 Remote Connection
- 12 Logs and Auditing
- 13 Barcode Reader Support
- 14 Easy Maintenance
- 15 HPA/DCO Support

- 1 Ease of use



Units Support the High Speed Capture of E01 Compressed Images



Intelligent
Computer
Solutions

Rapid Image™

Make the *intelligent* choice...
www.ics-iq.com

Portable Forensic Evidence Seizure Preview and Analysis System

The Rapid Image Forensics Multi-Drive Line of ICS Data Acquisition devices marks a New Age in Forensic Imaging. The Rapid Image Forensics Station is designed with today's advanced drive interface technologies and today's advanced processors, to facilitate the High Volume, Forensic Data Acquisition projects demanded by today's Forensic Lab environment. The Rapid Image Forensics Station provides Investigators with the unique capability to Simultaneously Capture up to 10 Suspect drives to 10 individual Evidence drives with minimal effect on performance. This Versatile Data Acquisition device also supports Sequentially Capturing and Uploading data from up to 20 Suspect drives for Archiving, Sharing or future Analysis. The process of Uploading data can be automated without the need of starting multiple acquisition operations. Network Uploads using the unit's native 1Gigabit Ethernet interface offers speeds exceeding 2GB/min¹, and speeds exceeding 4GB/min when using the unit configured with an Ultra-High Speed Network Interface Card such as a 10Gbit NIC².

1. Speeds are highly dependent on the Network Environment in use and therefore can vary.
2. 10Gbit PCIe NIC Cards are not supplied by ICS

Key Features:

1 High Speed:

The Rapid Image™ Product Line is designed to support today's High Performance drives, featuring advanced SATA-2 Duplication Technology that can Capture and Wipe drives at validated speeds of 13GB/min. This advanced technology also prepares the User with the hardware necessary to take advantage of tomorrow's hard drive speed improvements, with the potential of 18GB/min transfer rates.

Sample transfer speeds:

E01 Capture sample transfer rates:
E01 1-Session (1 Target per session) Transfer Rate: 5440MB/min.
E01 1-Session (1 Target per session), SHA-1 Transfer Rate: 5433MB/min.
E01 10-Session (1 Target per session) Transfer Rate: 5100MB/min.
E01 10-Session (1 Target per session), SHA-1 Transfer Rate: 5140MB/min.
E01 4-Session (3 Target per session), SHA-1 Transfer Rate: 5058MB/min.
LinuxDD Capture, sample transfer rates:
LinuxDD 1-Session (1 Target per session) Transfer Rate: 5983MB/min.
LinuxDD 1-Session (1 Target per session), SHA-2 Transfer Rate: 5462MB/min.
LinuxDD 10-Session (1 Target per session), SHA-2 Transfer Rate: 4500MB/min.
LinuxDD 4-Session (3 Target per session), SHA-2 Transfer Rate: 5232MB/min.

2 Operating Environment:

Windows 7 Embedded Operating System.

3 Hard Drive Support:

Offers native support for SAS, SATA, USB 2.0, USB 3.0 e-SATA and FireWire drives. Optional adapters are available to support IDE drives, Micro SATA*, 2.5", 1.8" IDE Notebook Drives*, ZIF drives*, and Flash media*.

* IDE drives are supported with an Optional IDE Drive Caddy or by Individual IDE Adapters.

* CF drives are supported with Optional CF Adapters.

* Micro SATA drive adapters are only supplied with the 2.5" Cable-Free Drive Caddy.

4 Fast Drive Detection:

Detects 20 drives in less than two minutes.

5 Versatile "Suspect" Drive Ports:

Flexible design allows any port to be configured as the "Suspect" port.

6 Cable Free Drive Caddies:

The unit is available with either 2.5" or 3.5" Cable-Free Drive Caddies. Both versions support Cable-Free insertion of eight (8) 2.5"/1.8" or 3.5" Form Factor SATA/SAS drives, accordingly.

7 Multiple Modes of Operation:

- Single Capture: Creates "Mirror" image of the Suspect's drive.
- LinuxDD Capture: Supports storing one or multiple Suspect drive images on a single "Evidence" drive using the standard Linux DD Segmented File Format.
- E01 Capture: Supports storing one or multiple Suspect drive images on a single "Evidence" drive using the Encase® Forensics Segmented File Format. Rapid Image Forensic Units support the High Speed Capture of E01 Compressed Images.
- IQ Copy: Optional Non-Forensic Format used to capture only the allocated data of a Suspect's drive, greatly reducing the time required to capture data. In addition, it can be used to duplicate drives for IT purposes such as backup, deploy and upgrade to larger capacity drives.
- Multi-Session: Capture multiple Suspect drives simultaneously or run multiple operations simultaneously. Multi-Session supports the Acquisition of up to 10 Suspect drives simultaneously. Capture and Sanitize drives at the same time.

8 Network Storage Support:

Upload and Download images to and from a shared Network Storage media utilizing either the unit's native 1 Gigabit Ethernet interface or by installing a 3rd Party 10Gbit NIC Cards* for speeds exceeding 4GB/min.

9 Advanced Drive Controller Technology:

The units are designed with today's advanced drive technology which can take advantage of drives which support 6Gbps transfer rates.

10 Cable Free Drive Caddies:

The unit offers a Cable-Free, Drive Caddy solution for quick and easy drive insertion, minimizing maintenance costs and wear and tear issues associated with use of cables. The unit is available with either 2.5" or 3.5" Cable-Free Drive Caddies. Both versions support Cable-Free insertion of eight (8) 2.5"/1.8" or 3.5" Form Factor SATA/SAS drives, accordingly.

11 Remote Connection:

The unit can be connected to remotely to control and monitor operations.

12 Logs and Auditing:

Store and print detail operational Event Log and Audit Trail information. The Audit Trail is saved in a PDF format using 128-bit password encryption protection.

13 Barcode Reader Support:

Option for Barcode Readers available for production flow integration.

14 Easy Maintenance:

The Cable-Free Drive Caddies incorporate a low cost, easy to replace drive interface board for each drive bay.

15 HPA/DCO Support:

Unit features support for HPA and DCO.

16 Ease of use:

Offers an intuitive, User Friendly Interface with an 8" Color Touch Screen Display. No need for an external display, mouse or keyboard.

Available Models:

Rapid Image 7020 Captures up to 10 Suspect Drives Simultaneously. Acquires & Uploads up to 20 Suspect Drives Simultaneously. Sanitizes up to 16 Target Drives.



Rapid Image 7012 Captures up to 6 Suspect Drives Simultaneously. Acquires & Uploads up to 12 Suspect Drives Simultaneously. Sanitizes up to 8 Target Drives.



Available Options:

- 2.5" Drive Support: Drive Docking and Caddy for 2.5" SAS/SATA Hard Drives
- IDE Support: IDE drives are supported with an Optional IDE Drive Caddy or by Individual IDE Adapters.
- Protective "flip" window: An Optional "flip" Window protects the touch screen display in harsh environments.
- Status Light Tower: Status light Tower Option for a quick visual status of all unit operations.
- 10Gbit Ethernet Card: For high speed uploading to a Network Share Storage

System Specifications:

- Supply Voltage: 100 - 240V / 50 - 60 Hz 400Watt Universal Auto switching input voltage
- Power Consumption: 110W
- Operating Temperature: 5 degrees - 55 degrees C
- Relative Humidity: 20% - 60% non-condensing
- Net Weight: 37 lbs
- Overall Dimensions: 21.7" x 14.1" x 8.9"
- Warranty: One Year Parts and Labor with an optional one year extended warranty.

NEXT GENERATION ICS FORENSIC PRODUCT COMPARISON CHART

Features	IMSolo-101 Forensics	IMSolo-4 Forensics	IMSolo-4 Ruggedized	4000PRO Forensics	WipePRO
Capture Configurations					
Max # of Evidence Drives per Operation	1	2	2	7	9
Max 1:1	1	2	2	4	N/A
Max 1:2	1	1	1	3	N/A
Max 1:3	N/A	N/A	N/A	2	N/A
Max # of Parallel Captures	1	2	2	4	N/A
Max # of Drives which can be Captured Sequentially to External Storage	1	4	4	8	N/A
Max # of Drives which can be Captured in Parallel to External Storage	1	4	4	4	N/A
Interfaces Supported					
SAS	N/A	4	4	8	8
SATA	2	4	4	9	9
	1	3	3	3	3
SCSI	Requires 3rd Party SCSI-to-USB Adapter	Optional Expansion Module	Optional Expansion Module	Optional Expansion Module	Optional Expansion Module
USB 2.0	4	4	4	5	5
USB 3.0	N/A	Optional Expansion Module	Optional Expansion Module	Optional Expansion Module	Optional Expansion Module
e-SATA	2	1	1	Optional Adapter	Optional Adapter
3.5/2.5" IDE	Optional Adapter	Optional Adapter	Optional Adapter	Optional Adapter	Optional Adapter
Micro SATA	Optional Adapter	Optional Adapter	Optional Adapter	Optional Adapter	Optional Adapter
ZIF Drives	Optional Adapter	Optional Adapter	Optional Adapter	Optional Adapter	Optional Adapter
1.8" Drives	Optional Adapter	Optional Adapter	Optional Adapter	Optional Adapter	Optional Adapter
FireWire	N/A	Optional Expansion Module	Optional Expansion Module	Optional Expansion Module	Optional Expansion Module
	N/A	Optional Expansion Module	Optional Expansion Module	Optional Expansion Module	Optional Expansion Module
Fibre Flash Devices	Optional Adapter	Optional Adapter	Optional Adapter	Optional Adapter	Optional Adapter
Maximum Speed Capability	6.2 GB/min	18 GB/min	18 GB/min	18 GB/min	18 GB/min
Average/ Typical Speed					
SATA	5.5 GB/min	6 GB/min	6 GB/min	6 GB/min	6 GB/min
SAS	N/A	7 GB/min	7 GB/min	7 GB/min	7 GB/min
Solid State Drives	6.2GB/min	12 GB/min	12 GB/min	12 GB/min	12 GB/min
USB	1.4GB/min	1.4GB/min	1.4GB/min	1.4GB/min	1.4GB/min
1394B	N/A	2.4GB/min	2.4GB/min	2.4GB/min	2.4GB/min
SCSI	N/A	4GB/min	4GB/min	4GB/min	4GB/min
SHA-1/SHA-2 HASH H/W Acceleration	YES	YES	YES	YES	N/A
AES Encryption	YES	YES	YES	YES	N/A
Ethernet Connection	Gigabit	Gigabit	Gigabit	Gigabit	Gigabit
Capture Modes					
LinuxDD - Segmented File Capture	YES	YES	YES	YES	N/A
Mirror Image Capture	YES	YES	YES	YES	N/A
E01 - Segmented File Capture	YES	YES	YES	YES	N/A
IQCopy Allocated File Copy	Optional	Optional	Optional	Optional	N/A
Capture to External Storage					
SAN	YES	YES	YES	YES	N/A
USB	YES	YES	YES	YES	N/A
e-SATA	YES	YES	YES	Optional eSATA Cables	N/A
FireWire	N/A	Optional Expansion Module	Optional Expansion Module	Optional Expansion Module	N/A
ICS Storage Box Option	YES	YES	YES	YES	N/A
Wiping					
DoD	YES	YES	YES	YES	YES
Single Pass	YES	YES	YES	YES	YES
Secure Erase	YES	YES	YES	YES	YES
Portability	Handheld	Handheld	Handheld	Small Footprint	Small Footprint
Design Usage	Single user	Single user	Single user	Mid Size	Large
SAS/SATA Drive Caddy Cable-Free with Built-in Fans (Select between 2.5" or 3.5")	N/A	N/A	N/A	One Standard	One Standard
IDE Drive Caddy Built-in Fans	N/A	N/A	N/A	Optional	Optional
Open Drive Tray	Optional	Optional	Optional	Optional	Optional



**Intelligent
Computer
Solutions**

9350 Eton Ave.
Chatsworth, CA 91311

P. (888) 994-4678 F. (818) 998-3190

www.ICS-IQ.com

Call 888-994-4678 or email salesmail@ics-iq.com for a quote today!