

PSIClone™

DATA RECOVERY HARDWARE



PSIClone Description

PSIClone™ is a handheld data recovery lab designed by data recovery engineers for data recovery engineers.

PSIClone™ functionality includes Cloning, Imaging, Data Erasure and much more. Understanding the importance of data integrity our engineers have provided a built-in write blocker that protects the data on the source drive and MD5 hash generation.

Drive imaging creates a file or set of files which represent the entire structure and file system of a source drive. PSIClone™ creates image files which may be 700 MB, 1 GB or 2GB depending on the user's preferences. PSIClone™ will format the destination drive with a FAT32 file system so that the files can be used with other PC based forensic tools.

PSIClone can also perform data erasure as defined by NIST 800-88 (data 'clearing').

PSIClone™ features robust, user configurable error handling capabilities offer unique options when working with troubled drives; built-in, non-destructive HDD diagnostics tool helps to identify drive issues quickly.

The host companion software, CPR Toolbox™ makes working with PSIClone™ even easier (USB 2.0 required). CPR Toolbox™ works with Microsoft® Windows XP® or Windows Vista®.

FEATURES:

- ⊕ Portable and easy to setup
- ⊕ Easy to read menus
- ⊕ 16x2 backlit LCD screen
- ⊕ Native SATA & PATA Interfaces
- ⊕ Saves custom configurations in non-volatile memory
- ⊕ Included AC/DC power supply
- ⊕ Robust Error Handling
- ⊕ Clone and Image functions
- ⊕ Robust Error Handling
- ⊕ NIST 800-88 'clear'
- ⊕ MD5 Hash Calculation
- ⊕ Compare Functions
- ⊕ Automatically detects and uses maximum drive transfer capability (up to 4.0 GB/minute)
- ⊕ Selectable UDMA mode/PIO
- ⊕ Unobtrusive HDD Diagnostics
- ⊕ Battery backed Clock/Calendar

PSIClone

CHARACTERISTIC	SPECIFICATION
Drive Interfaces:	Parallel ATA (PATA) & Serial ATA (SATA)
Host Interface:	USB 2.0
Max Transfer Rate:	Up to 4.0 Gigabytes per minute
Input Voltage:	Max: 3.5 A / Typical: 1.6 A
Input Current:	+12 VDC
Voltage Supplied to Drives:	+12VDC, +5VDC
Operating Temperature Range:	0° to 50° Celsius
Storage Temperature Range:	-20° to 60° Celsius
Operating/Storage Humidity Range:	5% to 95% (non-condensing)
Device Addressing Support:	28 bit and 48 bit supported
Max Transfer Mode:	UDMA Mode 4
Supported Protocols:	ATA 4 through ATA 7
Dimensions:	4.15" L x 1.41" H x 4.16 " W
Approx. Device Weight:	11 oz.

PSIClone

Main Menu Options:

- ✦ Clone
- ✦ Image
- ✦ Format Drive
- ✦ Compare
- ✦ Bang
- ✦ Identify
- ✦ Diagnostic
- ✦ Reset
- ✦ Drive Power
- ✦ MD5Hash
- ✦ Error Handling

Wiping Modes:

- ✦ NIST 800-88 'clear'
- ✦ User selectable write pattern
- ✦ Incrementing pattern
- ✦ Random pattern
- ✦ Inverting bits pattern

User Configurable Options:

- ✦ Transfer Rate
- ✦ LCD Backlight
- ✦ Power Down
- ✦ Power On Timeout
- ✦ Command Timeout
- ✦ Image File Size
- ✦ Command Direction
- ✦ Buzzer
- ✦ Restore Defaults
- ✦ Restore Defaults

Included Accessories:

- ✦ PSIClone
- ✦ Drive Power Cables (2)
- ✦ PATA Cables (2)
- ✦ SATA Cables (2)
- ✦ USB Cable
- ✦ AC Power Adapter
- ✦ CPR Tools Utilities Suite including CPR Toolbox™

905 Industrial Blvd • LaBelle, FL 33935 • Tel: 863-674-0120 • Fax: 863-674-0066
www.cprtools.net • info@cprtools.net