

IT Series HDD Copier/Eraser 1 to 15 (IT1500G)



Calificación: Sin calificación

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Descripción

IT-G Series (IT1500G)

Main features of the HDD Copier/Eraser 1-15 (IT1500G)

- High-performance HDD Copier with transfer speeds of up to 9 GB per minute.
- Supports FAT16/32/exFAT, NTFS, Linux(Ext2/Ext3/Ext4), Mac(HFS, HFS+, HFSX) file system copying.
- Data Sanitization: Quick Erase, DoD erase, and Secure Erase.
- Open-Platform Design supports Multi-Interface HDD/SSD.
- Real-Time PC Monitoring with PC-Link software.
- iSecuLog Report Management records all task details for better production management.
- Cable-free connection for easier HDD insertion & removal.



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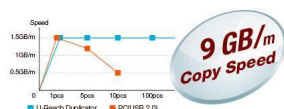
Product Description

IT series is a professional SATA HDD duplicator, specially designed for high-volume duplication. U-Reach adopted a unique multitasking technology, it can simultaneously copy up to 15 HDD targets with a high transfer speed of 9GB per minute.

We guarantee the highest productivity without speed degradation even as the number of targets increases. The IT series SATA HDD duplicator provides four copy modes: quick smart copy, all partitions copy, percentage copy and whole HDD copy that all meet different duplication task requirements. The quick copy mode copies data and skips blank area. NTFS, Linux (Ext2/Ext3/Ext4), FAT/FAT32, Mac (HFS, HFSX, HFS+) formats are all supported with quick copy mode.

In addition, the IT series SATA HDD duplicator is equipped with different levels of secure erase functions, Quick Erase, Full Erase, DoD 5220 Erase government standards and Secure Erase which can fulfill different levels of security for HDD wiping.

Features



• Impeccable efficiency

With up to **9 GB/m** transferring bandwidth, the IT-G Professional Factory HDD Copier is the best solution for Professional HDD/PC/NB Manufacturers. Each SATA interface operates independently. No matter how many targets you would like to duplicate, the speed stays the same and doesn't decline. 9 GB per minute is far beyond any PC-based duplicators.

• Whole HDD Copy

Whole HDD Copy mode supports all kinds of partition and data formats and copies every sector of the source HDD.

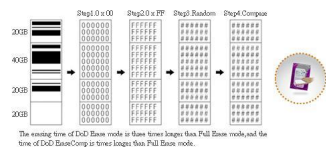
• Systems & Data Copy



This mode is compatible with the HDD formats of FAT16/32/64, NTFS, Linux(ext2/ext3/ext4), Mac(HFS, HFS+, HFSX). It will only copy the data and system area of the HDD which greatly reduces copying time.

• Data Sanitization Modes

- Quick Erase:** Takes only a few seconds to complete
- Full Erase:** Erase the complete HDD
- DoD Erase:** Complies with the U.S. Department of Defense's standard of erasing.
- Secure erase:** A National Institute of Standards and Technology (NIST 800-88) accepted technique for properly purging hard drives. This method is supported by almost all modern SATA HDD.



• Device Compatibility



- Supports GPT, MBR table format
- Supports Advanced format HDD, Up to 15TB above device
- Supported OS: Linux, Unix, Windows, Macintosh, etc. are all supported.

• Open Platform Design

• Easier HDD Insertion & Removal



• Swappable HDD Port Module: easy and convenient replacement and maintenance



• Cable-free connection on HDD: supports 1.8"/2.5"/3.5" SATA HDD and SSD



• Via Adaptor: 2.5", 3.5" IDE HDD, mSATA SSD, micro SATA, eSATA, iVDR interfaces are compatible



• Real-Time PC Monitoring

The PC-Link software is absolutely perfect for monitoring the work progress during operation in real-time. All relevant information for EVERY PORT is displayed on your PC screen, a powerful tool for sorting out lagging HDDs and keeping the operation as efficient as possible.

1. Monitor duplication status from PC while duplicators are connected to it.

Port	Status	Progress	Speed	Capacity	Model	Source	Target	SN
01	OK	79.184 (7707.15000)	137.15 MB/s	140.0 GB	ST31500410A	0101	01010101	01010101
02	OK	79.184 (7707.15000)	137.15 MB/s	140.0 GB	ST31500410A	0101	01010101	01010101
03	OK	79.184 (7707.15000)	137.15 MB/s	140.0 GB	ST31500410A	0101	01010101	01010101
04	OK	79.184 (7707.15000)	137.15 MB/s	140.0 GB	ST31500410A	0101	01010101	01010101
05	OK	79.184 (7707.15000)	137.15 MB/s	140.0 GB	ST31500410A	0101	01010101	01010101
06	OK	79.184 (7707.15000)	137.15 MB/s	140.0 GB	ST31500410A	0101	01010101	01010101
07	OK	79.184 (7707.15000)	137.15 MB/s	140.0 GB	ST31500410A	0101	01010101	01010101
08	OK	79.184 (7707.15000)	137.15 MB/s	140.0 GB	ST31500410A	0101	01010101	01010101
09	OK	79.184 (7707.15000)	137.15 MB/s	140.0 GB	ST31500410A	0101	01010101	01010101
10	OK	79.184 (7707.15000)	137.15 MB/s	140.0 GB	ST31500410A	0101	01010101	01010101
11	OK	79.184 (7707.15000)	137.15 MB/s	140.0 GB	ST31500410A	0101	01010101	01010101
12	OK	79.184 (7707.15000)	137.15 MB/s	140.0 GB	ST31500410A	0101	01010101	01010101
13	OK	79.184 (7707.15000)	137.15 MB/s	140.0 GB	ST31500410A	0101	01010101	01010101
14	OK	79.184 (7707.15000)	137.15 MB/s	140.0 GB	ST31500410A	0101	01010101	01010101
15	OK	79.184 (7707.15000)	137.15 MB/s	140.0 GB	ST31500410A	0101	01010101	01010101

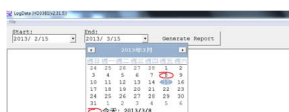
2. Shows and records the brand name, model, S/N, duplication time, result of every HDD from all the ports, the info of both source HDD and target HDD are recorded.

Port	Status	Progress	Speed	Capacity	Model	Source	Target	SN
01	OK	79.184 (7707.15000)	137.15 MB/s	140.0 GB	ST31500410A	0101	01010101	01010101
02	OK	79.184 (7707.15000)	137.15 MB/s	140.0 GB	ST31500410A	0101	01010101	01010101
03	OK	79.184 (7707.15000)	137.15 MB/s	140.0 GB	ST31500410A	0101	01010101	01010101

3. Slow R/W speed HDD detection: lagging HDD can be easily sorted because user can see the duplication speed of every port via the "Event Log"

Port	Status	Progress	Speed	Capacity	Model
01	OK	79.184 (7707.15000)	137.15 MB/s	140.0 GB	ST31500410A
02	OK	79.184 (7707.15000)	137.15 MB/s	140.0 GB	ST31500410A
03	OK	79.184 (7707.15000)	137.15 MB/s	140.0 GB	ST31500410A

4. In order to export a log report select a period of time and click "Generate Report". The data will be exported into a .txt file and saved on PC. The date of export is the file name. (e.g. 20130308.txt)



• Log Report Management

- Records operation time, each port's process details, including HDD's model, capacity, S/N, result (pass, fail).
- Real-Time recording and viewing Log Report via PC-Link.

Print Date: Fri Mar 08 16:00:18 2013		Background information of this log report	
Machine Name: 1			
Machine Model: H03081			
Machine Version: 2.0.1.5			
Machine ID: 13001114622566612076558008			
Port Quantity: 15			
Start Date: 2013-03-08			
End Date: 2013-03-08			
Job: COPY			
Time Start: 2013-03-08 14:59:26		Critical Source Record: manage and control the source, confirm the size of the data are consistent.	
Time End: 2013-03-08 15:00:59			
Source Data Size: 21.90GB(9362022 sectors)		Detailed task records: best reference for production and HR management.	
Copy Area: System and Files			
Quantity: Total 5	Time of execution	File name of HDD	HDD S/N
Pass: 0			
(Pass Record)			
Port04: 2013-03-08 14:59:26 (138 seconds)	ST31500410A	0101	01010101
Port05: 2013-03-08 14:59:26 (138 seconds)	ST31500410A	0101	01010101
Port06: 2013-03-08 14:59:26 (138 seconds)	ST31500410A	0101	01010101
Port07: 2013-03-08 14:59:26 (138 seconds)	ST31500410A	0101	01010101
Port08: 2013-03-08 14:59:26 (138 seconds)	ST31500410A	0101	01010101
Port09: 2013-03-08 14:59:26 (138 seconds)	ST31500410A	0101	01010101
Port10: 2013-03-08 14:59:26 (138 seconds)	ST31500410A	0101	01010101
Port11: 2013-03-08 14:59:26 (138 seconds)	ST31500410A	0101	01010101
Port12: 2013-03-08 14:59:26 (138 seconds)	ST31500410A	0101	01010101
Port13: 2013-03-08 14:59:26 (138 seconds)	ST31500410A	0101	01010101
Port14: 2013-03-08 14:59:26 (138 seconds)	ST31500410A	0101	01010101
Port15: 2013-03-08 14:59:26 (138 seconds)	ST31500410A	0101	01010101
Job End: OK			
Time Start: 2013-03-08 15:22:21		Field analysis: the pass and failure rate for yield records.	
Time End: 2013-03-08 15:24:36			
Quantity: Total 4			
Pass: 0			
(Fail Record)			
Port04: 2013-03-08 15:22:21 (132 seconds)	ST31500410A	0104	01010101
Port05: 2013-03-08 15:22:21 (132 seconds)	ST31500410A	0104	01010101
Port06: 2013-03-08 15:22:21 (132 seconds)	ST31500410A	0104	01010101
Port07: 2013-03-08 15:22:21 (132 seconds)	ST31500410A	0104	01010101
Port08: 2013-03-08 15:22:21 (132 seconds)	ST31500410A	0104	01010101
Port09: 2013-03-08 15:22:21 (132 seconds)	ST31500410A	0104	01010101
Port10: 2013-03-08 15:22:21 (132 seconds)	ST31500410A	0104	01010101
Port11: 2013-03-08 15:22:21 (132 seconds)	ST31500410A	0104	01010101
Port12: 2013-03-08 15:22:21 (132 seconds)	ST31500410A	0104	01010101
Port13: 2013-03-08 15:22:21 (132 seconds)	ST31500410A	0104	01010101
Port14: 2013-03-08 15:22:21 (132 seconds)	ST31500410A	0104	01010101
Port15: 2013-03-08 15:22:21 (132 seconds)	ST31500410A	0104	01010101

• Log report .txt file can be generated via USB port and saved to USB device



• Up to 30,000 log entries can be saved. One instruction onto each HDD is recorded as one log entry. (e.g. duplication from 1 HDD to 21 targets will be recorded to 21 log entries)

• iSecuLog(Anti-Tampering Log Report)

Any falsification can be detected to ensure the report is genuine. You do not need to worry anymore about whether a log report is genuine or not.



• Auto power control system

When the duplicator stops executing any function, the HDD Copier will automatically cut off the power of each port to protect the HDD from damage during removal from the duplicator. The power of each port will only be supplied when the operation is running.



• Standalone operation

There are two modes of operation available for selection, standalone and PC-link operation, each meeting different demands. Standalone is excellent in simplifying operation and very user-friendly (all duplication jobs can be completed via input through 4 buttons).

Specification

		Model	IT1500G
		Targets	15
		HDD Interface	SATA
		Display	Monochrome LCD
		Input	4 push buttons (Forward, Back, Erase, Power)
		Compatible Interface	1.8"/2.5"/3.5" SATA HDD
		Erase Modes	Quick erase, full erase, DoD erase
		Duplication Modes	1.Quick Copy (Systems & files) 2.All partition 3.1:1
		Support Format	1.Systems & files: FAT,NTFS, Linux(ext2, ext3, ext4),GPT, L formats
		Support Language	English, Japanese
		Power Supply	Adjustable voltage 115V-240V
Humidity	Operating	20%~80%	
	Storage	5%~95%	
Temperature	Operating	5?~45?	
	Storage	-20?~85?	
	Safety	CE, FCC, ROHS	

Comparison Chart



HDD/SSD Duplicator / Eraser Comparison Chart



Series	IT	MT	MTS-SAS	Super1
Ports	1-3; 1-7; 1-15	1-7; 1-15; 1-23	1-3; 1-7; 1-15	1-1~1-11; 1-15; 1-24; 1-37
Speed	G: 9GB/min H: 18GB/min U: 30GB/min	G: 9GB/min H: 18GB/min U: 30GB/min	18 GB/min	9 GB/min
Supported Protocol	SATA	SATA	SAS & SATA	SATA
Copy and Erase	V	V	V	V
HPA Copy/Erase	V	V	V	
Output Log Report	V	V	V	
PC Monitor	V	V	V	
Asynchronous Erase Button			V	
Daisy-chain		MTC1600H (15GB/min)		
Hardware Design	Guide Rail Design 	Open-platform Design (Easy to support multi-interface HDD/SSD) 		Support 2.5" SATA through optional adapter 

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