IT-U Series: SATA Hard Disk /SSD Duplicator and Eraser

IT-U series is a professional SATA HDD duplicator, specially designed for high volume duplication. U-Reach adopted a unique multitasking technology that can simultaneously copy up to 15 targets with a high transfer speed of 30GB per minute. We guarantee the highest productivity without speed degradation, even as the number of targets increase.

Features

Operation Type
Stand-alone, FPGA-based operation (Non PC-based system design).

Controller Design
Embedded controller is designed to support capacities over 18TB+. Constant improvement supports latest market-available devices.

Bandwidth Performance
Speed transfers of up to 30.0GB/min. (500MB/sec.) Dedicated bandwidth enables high-volume replications without speed degradation.

Read-Only Source Port
There is no option to disable this built-in feature and it is integrated with all U-Reach duplicators.

Modular Port Design
Cable free connection for easier HDD insertion & removal.

Real-Time PC Monitoring
View live status for: writing/reading speed, total capacity, current function progress per port.

Event Log Management
- Records: operating durations, individual port copy progressions, connected device models, capacities, serial numbers, and PASS or FAIL results.
- Device writing/reading speeds are recorded.
- Log report files are generated through Port #1 or through the U-Reach PC Link Software Utility.

Product Models

Photos	Models	Target Ports	Product Dimensions	Package Dimensions	Package Weight
	IT300U	1:3	30 x 24 x 22 cm	41 x 36.5 x 35 cm	7.1 Kg
	IT700U	1:7	44 x 32 x 22 cm	56 x 42 x 35 cm	11 Kg
	IT1500U	1:15	51 x 47 x 31 cm	63 x 62.5 x 42 cm	20.5 Kg

Standard Package

Duplicator x 1

Power Cord x 1
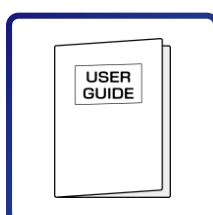

Grounding Cable x 1

USB Cable for PC Link x 1

PC Link Software Disc x 1

User Manual x 1

Optional Accessories
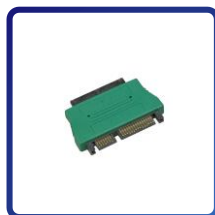
P1052

M.2 (NGFF)
Adapter

P1053

CFast
Adapter

P1041

mSATA Adapter

U3003

SATA 22PIN
Extension Cable

P1040

microSATA
Adapter

TB1602

SATA DOM
Adapter*

*There are 3 types of power supply for SATA DOM cards. Please double check before purchase.

Specifications

Maximum Speed Supported	30.0GB/min *Actual performance is dependent on device transfer speeds*
Supported Formats	• Quick Copy (System and Files): FAT16/32/exFAT, Windows (NTFS), Linux(Ext2/Ext3/Ext4), and Mac(HFS/HFS+/HFSX) • Whole Device Copy: All formats, including proprietary formats. • GPT, MBR, and Advanced Formats.
Supported Capacity	Over 18TB+.
Supported OS	All (Windows, Mac, Linux, and other proprietary systems)
Operation Mode	Standalone, FPGA-based Operation
Language	English, Japanese

Functions

Copy Modes	Quick Copy (System and Files) / All Partitions / Whole Device / Percentage Copy
Compare (Verification)	Bit-by-bit data comparison from the source device to target device(s).
Sanitization Modes	Quick Erase, Full Erase (NIST 800-88), DoD Erase (DoD 5220.22-M), 7-Pass Erase (DoD 5220.22-M(ECE)), Secure Erase (NIST 800-88) , Enhanced Secure Erase.
Skip Bad Sectors	Skip the number of bad sectors during Copy/Compare/Erase.
Minimum Speed	Disable or set minimum threshold speed to drop the slowest device.
HPA Copy Modes	Allows user to choose various HPA replication methods.
Clear HPA at Erase	Keep or clear HPA settings during sanitization process.
Log Manager	Manage and export log reports.
Others	Copy/Skip Unknow Format, Erase Source Port, Transfer Modes, Device Power-up/down Time.

Compatibilities

Compatible Device	1.8"/2.5"/3.5" SATA HDD and SSDs.
Devices Require Optional Cables or Adapters	mSATA, microSATA, eSATA, M.2(NGFF), CFast, SATA DOM
Compatible Protocol	All IT-U Series require SATA III supported device(s).

Hardware Specifications

LCD Display	2x20 Backlit Monochrome LCD Display	
LEDs	3 LED Indicators per Port: Yellow (Power), Green (Pass), Red (Fail)	
Control Panel	4 Push Buttons (▲, ▼, OK, ESC)	
Power Requirements	Universal Power: 115V AC or 230V AC, 50/60Hz	
Temperature	Working: 0°C ~ 60°C	Storage: -20°C ~ 85°C
Humidity	Working: 20% ~ 80%	Storage: 5% ~ 95%
Certifications	FCC, CE, RoHS, and Reach	

**Specifications subject to change without notice.