

IT-G Series IDE/SATA Duplicator and Sanitizer



Product Features

Features	Descriptions
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 9.0GB/min. (150MB/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	Modular-designed ports effectively reduce downtime and is cost-effective for long-term ownership.
Real-Time PC Monitoring	View live status for: writing/reading speeds, 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 the front USB port and are saved to USB devices.

Product Models

Photos	Models	Target Ports
	IT300G	1:3
	IT700G	1:7
	IT1500G	1:15

Product Functions

Functions	Descriptions
4 Copy Modes	• <u>Quick Copy (Data & System)</u>: Supports Windows, Mac, and Linux. • <u>All Partitions</u>: Users can skip HPA or unknown partitions. • <u>Whole Device</u>: Copies bit-by-bit from the master device. • <u>Percentage Copy</u>: Users can set percentages of capacity to be copied.
Compare (Verification)	• Bit-by-bit data comparison from the source device to target device(s).
5 Sanitization Modes	• Quick Erase • Full Erase (NIST 800-88) • DoD3 Pass (DoD 5220.22-M) • DoD3 Pass+Compare (DoD 5220.22-M) • Secure Erase (NIST 800-88)
Skip Bad Sectors	• Choose the number of bad sectors to skip.
Minimum Speed	• Disable or set minimum threshold speed to drop the slowest device.
Check Source Minimum Speed	• Allows user to enable or disable the source speed check.
Unknown Format	• Choose to copy or skip unknown formats.
Erase Source Port	• Enable or disable source port from being erased.
Device Power-up	• Choose time to wait for the device to power up prior to copy, erase, etc.
Device Power-down	• Choose time to wait for the device to power down prior to disconnection.
Scroll Lock	• Disable or enable ▲ and ▼ buttons on the control panel.
Language	• English or Japanese.
Transfer Modes	• Allows user to select the transfer rate.
Log Manager	• Manage and export log reports.

Product Compatibilities

Compatibilities	Descriptions
Compatible Devices	1.8"/2.5"/3.5" SATA HDDs and SSDs
Compatible Devices (Requires Optional Adapters)	2.5"/3.5" IDE, iVDR, eSATA, mSATA SSD, MicroSATA, M.2 (NGFF), CFast, and Panasonic CF-29 through CF-74.
Supported Formats	- Quick Copy Function: FAT16/32/64, Windows (NTFS), Linux (Ext2/Ext3/Ext4), and Mac (HFS, HFS+, HFSX). - Whole Device Copy Function: All Formats, including proprietary formats. - GPT, MBR, and Advanced Formats.
Supported O/S	All (Windows, Mac, Linux, and other proprietary systems).

Product Specifications

Specifications	Descriptions
LCD Display	Backlit Monochrome LCD Display
LEDs	3 LED Indicators per Port: - Yellow (Power), Green (Pass), and Red (Fail)
Control Panel	4 Push Buttons (▲, ▼, OK, ESC)
Power Requirements	<u>Universal Power</u>: 115VAC or 230VAC, 50/60Hz
Operational Temperature	5°C ~ 45°C (41°F ~ 113°F)
Non-operational Temperature	-20°C ~ 85°C (-4°F ~ 185°F)
Humidity	<u>Operating</u>: 20% ~ 80%, non-condensing <u>Non-operating</u>: 5% to 95%, non-condensing
Packaging Dimensions (L×W×H)	<u>IT300G</u> – 393.7 mm x 304.8 mm x 292.1 mm (15.5 in. x 12 in. x 11.5 in.) <u>IT700G</u> – 533.4 mm x 393.7 mm x 279.4 mm (21 in. x 15.5 in. x 11 in.) <u>IT1500G</u> – 685.8 mm x 660.4 mm x 444.5 mm (27 in. x 26 in. x 17.5 in.)
Product Weight	<u>IT300G</u> – 6.12 kg (13.5 lbs.) <u>IT700G</u> – 8.62 kg (19.0 lbs.) <u>IT1500G</u> – 20.41 kg (45.0 lbs.)
Certifications	FCC, CE, RoHS

Product Replacement Parts

Part Numbers	Descriptions
P1053	• U-Reach CFast to SATA Adapter
P1026-V1	• U-Reach IDE to SATA Adapter
P1037	• U-Reach 2.5" 44-Pin IDE to 3.5" 40-Pin IDE Adapter
P1041	• U-Reach mSATA to SATA Adapter
P1040	• U-Reach Micro SATA to SATA Adapter
P1050	• U-Reach M.2 (NGFF) to SATA Adapter
TB1553	• U-Reach Panasonic TB CF29/30/31 to SATA Adapter
P1025	• U-Reach IT Series Modular Port

More Information

For additional details on the U-Reach® IT-G Series, please visit: <http://www.ureach-usa.com/IT%20-sata-hard-disk-drive-duplicator-eraser-1-to-15-IT1500G.html>

Specifications are subject to change without notice.