ITS-SAS Series
IDE/SATA/SAS
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 18.0GB/min. (300MB/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
	ITS300-SAS	1:3
	ITS700-SAS	1:7
	ITS1500-SAS	1:15

Product Functions

Functions	Descriptions
4 Copy Modes	• Quick Copy (Data & System): Supports Windows, Mac, and Linux. • All Partitions: Users can skip HPA or unknown partitions. • Whole Device: Copies bit-by-bit from the master device. • Percentage Copy: Users can set percentages of capacity to be copied.
Compare (Verification)	• Bit-by-bit data comparison from the source device to target device(s).
8 Sanitization Modes	• Quick Erase • Full Erase (NIST 800-88) • DoD3 Pass (DoD 5220.22-M) • DoD3 Pass+Compare (DoD 5220.22-M) • DoD7 Pass [DoD 5220.22-M(ECE)] • Secure Erase (NIST 800-88) • Enhanced Secure Erase • NSA Erase
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/SAS HDDs and SSDs
Compatible Devices (Requires Optional Adapters)	• 1.8" ZIF HDD/SSD, 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	• Universal Power: 115VAC or 230VAC, 50/60Hz
Operational Temperature	• 0°C ~ 60°C **(32°F ~ 140°F)**
Non-operational Temperature	• -20°C ~85°C **(-4°F ~ 185°F)**
Humidity	• Operating: 20% ~ 95%, non-condensing • Non-operating: 5% to 95%, non-condensing
Packaging Dimensions (L×W×H)	• ITS300-SAS – 393.7 mm x 304.8 mm x 292.1 mm **(15.5 in. x 12 in. x 11.5 in.)** • ITS700-SAS – 533.4 mm x 393.7 mm x 279.4 mm **(21 in. x 15.5 in. x 11 in.)** • ITS1500-SAS – 685.8 mm x 660.4 mm x 444.5 mm **(27 in. x 26 in. x 17.5 in.)**
Product Weight	• ITS300-SAS – 6.12 kg **(13.5 lbs.)** • ITS700-SAS – 8.62 kg **(19.0 lbs.)** • ITS1500-SAS – 20.41 kg **(45.0 lbs.)**
Certifications	• FCC, CE, RoHS, and REACH
MIL-STD-810G	• 501.5 / 502.5 / 507.5 / 514.6 / 516.6

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
TB1533	• U-Reach ITS-SAS Series Modular Port

More Information

For additional details on the U-Reach® ITS-SAS Series, please visit: http://www.ureach-usa.com/IT%20-sas-hard-disk-drive-duplicator-eraser-1-to-15-ITS1500SAS.html

Specifications are subject to change without notice.