




ITS-SAS Series IDE/SATA/SAS Duplicator and Sanitizer



Product Features

Features	Descriptions
Operation Type	<ul style="list-style-type: none"> Stand-alone, FPGA-based operation (Non-PC based system design).
Controller Design	<ul style="list-style-type: none"> Embedded controller is designed to support capacities over 18TB+. Constant improvement supports latest market-available devices.
Bandwidth Performance	<ul style="list-style-type: none"> Speed transfers of up to 18.0GB/min. (300MB/sec.) Dedicated bandwidth enables high-volume replications without speed degradation.
Read-Only Source Port	<ul style="list-style-type: none"> There is no option to disable this built-in feature and it is integrated with all U-Reach duplicators.
Modular Port Design	<ul style="list-style-type: none"> Modular-designed ports effectively reduce downtime and is cost-effective for long-term ownership.
Real-Time PC Monitoring	<ul style="list-style-type: none"> View live status for: writing/reading speeds, total capacity, current function progress per port.
Event Log Management	<ul style="list-style-type: none"> 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	<ul style="list-style-type: none"> • <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)	<ul style="list-style-type: none"> • Bit-by-bit data comparison from the source device to target device(s).
8 Sanitization Modes	<ul style="list-style-type: none"> • 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	<ul style="list-style-type: none"> • Choose the number of bad sectors to skip.
Minimum Speed	<ul style="list-style-type: none"> • Disable or set minimum threshold speed to drop the slowest device.
Check Source Minimum Speed	<ul style="list-style-type: none"> • Allows user to enable or disable the source speed check.
Unknown Format	<ul style="list-style-type: none"> • Choose to copy or skip unknown formats.
Erase Source Port	<ul style="list-style-type: none"> • Enable or disable source port from being erased.
Device Power-up	<ul style="list-style-type: none"> • Choose time to wait for the device to power up prior to copy, erase, etc.
Device Power-down	<ul style="list-style-type: none"> • Choose time to wait for the device to power down prior to disconnection.
Scroll Lock	<ul style="list-style-type: none"> • Disable or enable ▲ and ▼ buttons on the control panel.
Language	<ul style="list-style-type: none"> • English or Japanese.
Transfer Modes	<ul style="list-style-type: none"> • Allows user to select the transfer rate.
Log Manager	<ul style="list-style-type: none"> • Manage and export log reports.

Product Compatibilities

Compatibilities	Descriptions
Compatible Devices	<ul style="list-style-type: none"> • 1.8"/2.5"/3.5" SATA/SAS HDDs and SSDs
Compatible Devices (Requires Optional Adapters)	<ul style="list-style-type: none"> • 2.5"/3.5" IDE, iVDR, eSATA, mSATA SSD, MicroSATA, M.2 (NGFF), CFast, and Panasonic CF-29 through CF-74.
Supported Formats	<ul style="list-style-type: none"> • 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	<ul style="list-style-type: none"> • All (Windows, Mac, Linux, and other proprietary systems).

Product Specifications

Specifications	Descriptions
LCD Display	<ul style="list-style-type: none"> • Backlit Monochrome LCD Display
LEDs	<ul style="list-style-type: none"> • 3 LED Indicators per Port: • Yellow (Power), Green (Pass), and Red (Fail)
Control Panel	<ul style="list-style-type: none"> • 4 Push Buttons (▲, ▼, OK, ESC)
Power Requirements	<ul style="list-style-type: none"> • <u>Universal Power</u>: 115VAC or 230VAC, 50/60Hz
Operational Temperature	<ul style="list-style-type: none"> • 5°C ~ 45°C (41°F ~ 113°F)
Non-operational Temperature	<ul style="list-style-type: none"> • -20°C ~85°C (-4°F ~ 185°F)
Humidity	<ul style="list-style-type: none"> • <u>Operating</u>: 20% ~ 80%, non-condensing • <u>Non-operating</u>: 5% to 95%, non-condensing
Packaging Dimensions (L×W×H)	<ul style="list-style-type: none"> • <u>ITS300-SAS</u> – 406.4 mm x 381 mm x 330.2 mm (16 in. x 15 in. x 13 in.) • <u>ITS700-SAS</u> – 533.4 mm x 393.7 mm x 279.4 mm (21 in. x 15.5 in. x 11 in.) • <u>ITS1500-SAS</u> – 685.8 mm x 660.4 mm x 444.5 mm (27 in. x 26 in. x 17.5 in.)
Product Weight	<ul style="list-style-type: none"> • <u>ITS300-SAS</u> – 7.16 kg (15.8 lbs.) • <u>ITS700-SAS</u> – 8.62 kg (19.0 lbs.) • <u>ITS1500-SAS</u> – 20.41 kg (45.0 lbs.)
Certifications	<ul style="list-style-type: none"> • FCC, CE, RoHS

Product Replacement Parts

Part Numbers	Descriptions
P1053	<ul style="list-style-type: none"> • U-Reach CFast to SATA Adapter
P1026-V1	<ul style="list-style-type: none"> • U-Reach IDE to SATA Adapter
P1037	<ul style="list-style-type: none"> • U-Reach 2.5" 44-Pin IDE to 3.5" 40-Pin IDE Adapter
P1041	<ul style="list-style-type: none"> • U-Reach mSATA to SATA Adapter
P1040	<ul style="list-style-type: none"> • U-Reach Micro SATA to SATA Adapter
P1050	<ul style="list-style-type: none"> • U-Reach M.2 (NGFF) to SATA Adapter
TB1553	<ul style="list-style-type: none"> • U-Reach Panasonic TB CF29/30/31 to SATA Adapter
TB1533	<ul style="list-style-type: none"> • 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%20sas-hard-disk-drive-duplicator-eraser-1-to-15-ITS1500SAS.html>

Specifications are subject to change without notice.