

MTS-SAS Series SAS/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 30.0GB/min. (512MB/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 Cabling Design	Modular-designed ports effectively reduce downtime and is cost-effective for long-term ownership.
Asynchronous Erase Button	Only functional when any erase process is utilized and increases sanitization efficiency.
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
	MTS-400SASN	1:3
	MTS-800SASN	1:7
	MTS-1600SASN	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).
8 Sanitization Modes	• 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 • US Army AR380-19 Erase
Bad Sector Scan	• Scans device for any bad sectors by reading and writing.
Thorough Sector Scan	• Scans device for any bad sectors by reading and writing two times.
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.
HPA Copy Modes	• Allows user to choose various HPA replication methods.

Clear HPA at Erase	Keep or clear HPA settings during sanitization process.
Language	English or Japanese.
Transfer Modes	Allows user to select the transfer rate.

Functions	Descriptions
Log Manager	Manage and export log reports.

Product Compatibilities

Compatibilities	Descriptions
Compatible Devices	2.5"/3.5" eSATA/SATA/SAS HDDs and SSDs
Compatible Devices (Requires Optional Adapters)	mSATA SSD, 1.8" SATA/SAS HDDs and SSDs with MicroSATA, M.2 (NGFF), CFast, and Panasonic CF-29.
Supported Formats	- Quick Copy Function: FAT16/32/64, Windows (NTFS), Linux (Ext2/Ext3/Ext4/LVM), and Mac (HFS, HFS+, HFSX). - Whole Device Copy Function: All Formats, including proprietary formats. - GPT, MBR, and Advanced Formats.
Compatibilities	Descriptions
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) and Asynchronous Erase Button
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
Physical Dimensions (L×W×H)	<u>MTS-400SASN</u> – 510 mm x 330 mm x 320 mm (20 in. x 13 in. x 12.5 in.) <u>MTS-800SASN</u> – 533.4 mm x 533.4 mm x 355.6 mm (21 in. x 21 in. x 14 in.) <u>MTS-1600SASN</u> – 762 mm x 508 mm x 381 mm (30 in. x 20 in. x 15 in.)
Product Weight	<u>MTS-400SASN</u> – 7.3 kg (16.0 lbs.) <u>MTS-800SASN</u> – 13.4 kg (29.6 lbs.) <u>MTS-1600SASN</u> – 14.06 kg (31.0 lbs.)
Certifications	FCC, CE, RoHS, MIL-STD810H

Product Replacement Parts

Part Numbers	Descriptions
P1053	• U-Reach CFast to SATA 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 to SATA Adapter
TB1534	• U-Reach MTS-SAS Modular Cable

More Information

For additional details on the U-Reach® MTS-SAS Series, please visit: <http://www.ureach-usa.com>

Specifications are subject to change without notice.