

MiniSAS Series Portable 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. - Built-in native SAS controller.
Bandwidth Performance	- Speed transfers of up to 18GB/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.

Product Models

Photos	Models	Target Ports
	SAS-MS118	1:1

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).
6 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)
Skip Bad Sectors	• Choose the number of bad sectors to skip.
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.
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.

Product Compatibilities

Compatibilities	Descriptions
Compatible Devices	• 2.5"/3.5" SAS/SATA HDDs and SSDs
Compatible Devices (Requires Optional Adapters)	• mSATA SSD, 1.8" SATA/SAS HDD and SSD with micro SATA, M.2 (NGFF), CFast, and Panasonic CF-29
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>Power Adapter Input</u>: 100-240VAC / 50-60Hz / 1.4A Max. • <u>Power Adapter Output</u>: 12VDC / 7A
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 (LxWxH)	• <u>SAS-MS118</u> – 228.6 mm x 190.5 mm x 3 mm (9 in. x 7.5 in. x 3 in)
Product Weight	• <u>SAS-MS118</u> – 1.36 kg (3 lbs.)
Certifications	• FCC, CE, RoHS

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
OPTIONS	• Please call us for specific cabling, adapter, and interface requirements.

More Information

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

Specifications are subject to change without notice.