


Mini Series SD 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 1.5GB/min. (25MB/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.

Product Model

Photos	Models	Target Ports
	SD300	1:2

Product Functions

Functions	Descriptions
2 Copy Modes	<ul style="list-style-type: none"> • <u>Quick Copy (System & Files)</u>: Supports Windows, Mac, and Linux. • <u>Whole Media</u>: Copies bit-by-bit regardless of format and data type.
Compare (Verification)	<ul style="list-style-type: none"> • Bit-by-bit data comparison from the source device to target device(s).
3 Sanitization Modes	<ul style="list-style-type: none"> • Quick Erase • Full Erase (NIST 800-88) • DoD Erase (DoD 5220.22-M)
Media Checking Tools	<ul style="list-style-type: none"> • Diverse tools for verifying flash quality for bad sectors, capacity authenticity, and read/write speeds.
Do Format	<ul style="list-style-type: none"> • Automatically detects and formats device(s) to either FAT16 or FAT32.
Measure Speed	<ul style="list-style-type: none"> • Performs speed check by overwriting and reading the connected device(s).
Calc. Checksum	<ul style="list-style-type: none"> • Calculates the checksum value from the source device.

Product Compatibilities

Compatibilities	Descriptions
Compatible Devices	<ul style="list-style-type: none"> • All SD Devices.
Compatible Devices (Requires Optional Adapters)	<ul style="list-style-type: none"> • MicroSD to SD Adapters (Included).
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"> • Non-Backlit Monochrome LCD Display
LEDs	<ul style="list-style-type: none"> • 2 LED Indicators per Port: • 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>Power Adapter Input</u>: 100-240VAC / 47-63Hz / 0.31A Max. • <u>Power Adapter Output</u>: 5VDC / 2A • AA Batteries x 4 (Not included)
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

Physical Dimensions (L×W×H)	<ul style="list-style-type: none"> • <u>SD300</u> – 254 mm x 203.2 mm x 76.2 mm (10 in. x 8 in. x 3 in.)
Product Weight	<ul style="list-style-type: none"> • <u>SD300</u> – 0.45 kg (1.0 lbs.)
Certifications	<ul style="list-style-type: none"> • FCC, CE, RoHS

Product Replacement Parts

Part Numbers	Descriptions
N/A	<ul style="list-style-type: none"> • TBA

More Information

For additional details on the U-Reach® SD Mini Series, please visit: <http://www.ureach-usa.com/product-sd-duplicator-tester-SD300.html>

Specifications are subject to change without notice.