



SD312N is the best portable 1 to 2 SD/MicroSD Flash Duplicator. It's an FPGAbased, standalone design. Supports Windows (NTFS), FAT16/32/64, and Linux (ext2/3/4) in copy modes. Ultra-high speed transfers up to 2.0 GB/min.

Features

Controller Design

- Embedded controller is designed to support capacities 2TB
- Constant improvement supports latest market- H5 Test: Overwrites then reads to verify available devices.

SD and MicroSD card interface

 Supports all brands of SD and MicroSD Cards without the need for a transfer card.

Stand-alone Design

• Stand-alone and portable design, no computer required.

Read-Only Source Port

 There is no option to disable this built-in feature and it is integrated with all U-Reach duplicators.

Support USB Power Bank

Portable design and support USB power bank.
 Supports all proprietary and unknown formats.

Diagnostic Modes

- H3 Test: Only reads to verify the maximum capacity quality. (All data is 100% safe)
- maximum capacity quality. (All data is destroyed)
- H6 Test: Same as H5 Test, but only in empty sectors/spaces. (All data is 100% safe)
- Capacity Check: Complete device analysis of available capacity.

Copy Modes

- Quick copy (Data & System) and support Windows (NTFS), FAT16/32/64, and Linux (ext2/3/4).
- Whole Media: Copy mode which copies exactly like the master device.

Website: www.ureach-inc.com E-mail: info@ureach-inc.com



Product Models

Photos	Models	Target Ports	Product Dimensions (cm)	Package Dimensions (cm)	Package Weight (kg)
no no no	SD312N	1:2	13.5 x 8 x 2.5	22 x 17.5 x 6	N.W:0.16 G.W:0.44

Specifications

Bandwidth Performance	Up to 2.0 GB/min			
Support Formats	 Quick Copy (System and Files): FAT16/32/64, Windows (NTFS), Linux(Ext2/Ext3/Ext4) Whole Device Copy: All formats, including proprietary formats. 			
Support Capacity	All market including sizes over 2TB.			
Operation Mode	Stand-alone, FPGA-based Operation (Non PC-based)			
Language	English, Japanese			
LCD Display	Backlit Monochrome LCD Display			
LEDs	2 LED (Red/Green) Indicators per Port			
Control Panel	4 Push Buttons (↑,↓, O, X)			
Power Requirements	5V 2A			
Temperature	Working: 5°C ~ 45°C	Storage: -20°C ~ 85°C		
Humidity	Working: 20% ~ 80%	Storage: 5% ~ 95%		
Certifications	FCC, CE, RoHS			

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Specifications

Compatible Device	All SD and MicroSD		
Support Formats	 Quick Copy: FAT16/32/64, Windows (NTFS), Linux(Ext2/Ext3/Ext4) 		
Support Formats	 Whole Device Copy: All formats, including proprietary formats. 		
Support O/S	All (Windows, Linux, and other stand-alone systems)		
Functions			
Copy Modes	Quick Copy (System and Files) / Whole Media Copy / Asynchronous Duplication		
Compare (Verification)	Bit by bit data comparison from the source device to target device(s).		
Diagnostic Modes	 H3 Test: Only reads to verify the maximum capacity quality. (All data is 100% safe) H5 Test: Overwrites then reads to verify maximum capacity quality. (All data is destroyed) H6 Test: Same as H5 Test, but only in empty sectors/spaces. (All data is 100% safe) Capacity Check: Complete device analysis of available capacity 		
Sanitization Modes	Quick Erase, Full Erase, and DoD Erase		
Format Function	Formats device to FAT16 or FAT32		

Standard Package



Duplicator x 1



Power Cord x 1



User Manual x 1



1 pair of Gloves*

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