Intelligent 9 Golden Series:

Combo SD/MicroSD Duplicator and Sanitizer

U-Reach Intelligent 9 series SD/ MicroSD duplicator contains smart, reliable and beneficial functions. Its effortless use means a PC or other software are not required; and no risk of virus infection. Golden series can duplicate from 7 and up to 63 targets, and has added some more important functions – Event Log report , Durability test and double source comparison.

Features

Operation Type

Stand-alone, FPGA-based operation (Non PC-based system design).

Controller Design

Embedded controller is designed to support capacities up to 2TB. Constant improvement supports latest market -available devices.

Bandwidth Performance

Speed transfers of up to 2.0GB/min. (33MB/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 Socket Design

Modular-designed ports effectively reduce downtime and is cost-effective for long-term ownership.

Real-Time PC Monitoring

View live status for: writing/reading speed, 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 Port #1 or through the U-Reach PC Link Software Utility.

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Full “Secure” Erase

A purge command is sent to the device’s chip IC (must support it), which resets all flash memory as empty. This erasing algorithm conforms to SD Association Erasing Standards and NIST 800-88 guidelines.

Write Protection

Perform hardware-level write protection to only selected devices that supports it.

Double Source Comparison

Instead of wearing out a source device, two source devices are utilized to reduce wear during mass productions.

Get “Device” ID

Retrieve all connected device information by its: port number, capacity sector, VID, PID, serial number, vendor, and CID.

Product Models

Photos	Models	Target Ports	Product Dimensions	Package Dimensions	Package Weight
	SD908G	1:7	24 x 19.5 x 11.5 cm	35 x 35 x 29 cm	4.3 kg
	SD916G	1:15	24 x 18 x 14 cm	35 x 35 x 29 cm	4.6 kg
	SD924G	1:23	24 x 18 x 16.5 cm	35 x 35 x 29 cm	5.3 kg
	SD932G	1:31	21 x 31.5 x 18.5 cm	42 x 33 x 27 cm	6 kg
	SD940G	1:39	23 x 31.5 x 20.5 cm	42 x 33 x 27 cm	6.5 kg
	SD964G	1:63	30 x 31.5 x 27 cm	42 x 41 x 32 cm	11 kg

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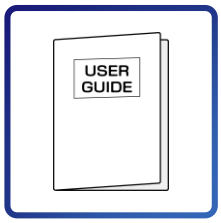
Standard Package

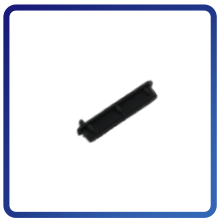
Duplicator x 1

12V DC Adaptor x 1

Power Cord x 1



User Manual x 1



Rubber Plug for SD Slot*

*The SD slot rubber plug is specially designed for users when duplicate microSD cards.

Optional Accessories

P1043

SD/ microSD Replacement Socket**

P1043-2

SD/ microSD Replacement Socket***

P1033

12V 9A Power Adapter

**P1043 is for 8-24 ports machines.
***P1043-2 is for 32-64 ports machines.

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Specifications

Bandwidth Performance	2GB/min. (33MB/sec.) *Actual performance is dependent on SD/MicroSD transfer speeds*
Supported Formats	Quick Copy (System and Files): FAT16/32/64, Windows (NTFS), and Linux (Ext2/Ext3/Ext4). Whole Media Copy: All formats, including proprietary formats. GPT, MBR, and Advanced Formats.
Supported Capacity	Up to 2TB.
Operation Mode	Standalone, FPGA-based Operation

Functions

Copy Modes	Systems & Files, Whole Media and Asynchronous Duplication
Compare Function	Bit-by-bit data comparison
Sanitization Modes	Quick Erase, Full Erase (NIST 800-88), DoD Erase (DoD 5220.22-M)
Media Checking Tools	Diverse tools for verifying flash quality for bad sectors, capacity authenticity, and read/write speeds
Format Functions	Automatically detects and formats device(s) to either FAT16 or FAT32.
Log Report Management	Output and management your log reports for internal records.
Write Protect	Performs hardware-level write protection to connected device(s). (Required device(s) followed SD Association standard.)

Compatibilities

Compatible Device	All SD and MicroSD devices.
Supported OS	All (Windows, Mac, Linux, and other proprietary systems)

Hardware Specifications

LCD Display	2x20 Backlit Monochrome LCD Display	
LEDs	2 LED (Red/Green) Indicators per Port	
Control Panel	4 Push Buttons (▲, ▼, OK, ESC)	
Power Requirements	12V DC Adaptor	
Temperature	Working: 0°C ~ 60°C	Storage: -20°C ~ 85°C
Humidity	Working: 20% ~ 80%	Storage: 5% ~ 95%
Certifications	FCC, CE, RoHS, and Reach	

**Specifications subject to change without notice.

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