



Intelligent U3 Series USB 3.1 Duplicator

G Series

10GB / min.
Copy Speed

With the increasing improvement in the speed and capacity of flash drives, the traditional USB 2.0 detect duplicator can no longer meet the needs of most Flash manufacturers in the market.

Compared with USB 2.0 detect duplicator, the transmission efficiency of Intelligent U3 is 4 times faster and compatible with USB 2.0 flash drives. It has a better compatibility with a wider range of applications.

U-Reach Inc. launched the Intelligent U3 series, which is currently the only U3 duplicator on the market that adopts the true USB 3.2 specification.

Features

Speeds up to 10 GB / m

The measured speed of a single port is up to 358 MB per second, and 40 MB per second for USB 2.0. When fully loaded, it can reach up to 100 MB per second, and 20 MB per second for USB 2.0. Besides, it is also the best solution for USB 3.0 external hard drive (USB-HDD)*.

Compliant with USB 3.2 Native Signal

Instead of using a computer card reader or signal conversion chip, U-Reach uses USB3.2 compliant native signals to communicate with the device, which improves compatibility and ensures smooth copying.

*Requires additional adapters to handling external hard drives.

Detecting USB 2.0/3.2 Signals

The market is full of fake 3.0 USB flash drives. How to quickly and efficiently pick them out? U-Reach testing function can detect the signal in 3 seconds and automatically detect two kinds of signals at the same time, which is crucial for flash drive manufacturers to check the quality of flash drives.

W-Mode Write Protect

Supports W Mode Write Protect flash drive solution. U-Reach's whole USB drive write protect function is a data protection mechanism in the flash drive, which can ensure that the important data in the flash drive will not be deleted or formatted, and the USB flash drive cannot be written with any unauthorized data.

H2/U-Reach H5 Quality Inspection Widely Used in the Industry

H2 is the computer inspection standard, and UReach H5 is the most commonly used Flash quality inspection standard in the industry. You can choose three modes: preserve format, preserve files, and overwrite all, to actually read and write on the flash drive, and detect the number of bad sectors, actual capacity, and read/write speed.

Production Management Log

Automatically records execution time, results and device information to avoid human transcription errors. The duplicator can be connected to a PC via USB flash drive and exports production management logs through a dedicated program. It is convenient for users to analyze the quality and yield of production.

Independent Interface Replacement







With the independent interface design, the interface can be easily replaced, which is convenient for future equipment maintenance and does not need to be returned to the original factory for repair.

Optional Accessory – HDD/SSD Modular Holder

High-speed transmission of USB external HDD/SSD may cause storage media to generate heat during the process of duplications. HDD/SSD holder is a nice touch that easily allows heat to dissipate and considerably boosts the efficiency of duplications.



Product Models

Photo	Model	Targets	Product Size (cm)	Package Dimensions (cm)	Product Weight (kg)
	UB3908G	1:7	30 x 15 x 14.5	47 x 40 x 38	7.35
	UB3916G	1:15	29.8 x 18 x 17.2	47 x 40 x 38	7.82
	UB3924G	1:23	30 x 20.5 x 17	47 x 40 x 38	9.53
	UB3932G	1:31	29.6 x 23.3 x 18.5	46 x 43 x 35	9.76
	UB3940G	1:39	29.7 x 25.9 x 20	46 x 43 x 35	9.76
	UB3948G	1:47	29.7 x 28 x 21.5	54 x 44 x 41	11.2

Standard Package



Duplicator x 1



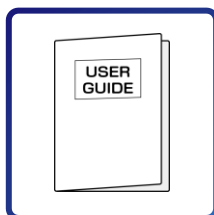
12V DC Power Adaptor x 1



Power Cord x 1



USB A-B cable for PC-Link x 1



User Manual x 1



CD with PC-Link Software x 1

Specifications

Bandwidth Performance	10 GB / min. (167 MB/sec.) *Actual performance is dependent on USB transfer speeds*
Supported Formats	Quick Copy (System and Files): FAT16/32, exFAT, Windows (NTFS), Linux (Ext2/Ext3/Ext4), and Mac (HFS/HFS+/HFSX) Whole Media Copy: All formats.
Supported Capacity	Over 18TB+.
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
USB 2.0 / 3.2 Signals Detection	The testing function detects the signal in 3 seconds and automatically detect two kinds of signals at the same time.
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.

Advanced Functions

Write Protect	Performs hardware-level write protection to connected device(s). (W-mode USB drive is required).
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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 are subject to change without further notice.