Flash Duplicator
Support USB Drive/ SD/ microSD/ CF/ DOM Memory Card

Mass Production

USB HDD/MP3/USB Devices

GPS Devices

Advertisement

Copy Protection

Driven by customer needs, U-Reach has met various customer requirements in numerous area such as education, advertisement, and manufacturing. Whether it's a small-scale duplication or mass production, detailed testing or professional copy protection, U-Reach's user-friendly tools and comprehensive diagnosis utilities always get the job done. We aim to provide the best solution to meet the needs of every type of work environment.

Scalable Performance Not Constrained by Target Number Count

Whether the machine is a 1-1 or 1-200 device, each port works independently to deliver identical high performance, thanks to our unique multi-core processor architecture.

Powerful Diagnostic Tools

U-Reach is known for its comprehensive diagnostic tools to facilitate flawless duplication. To cope with inconsistent quality of flash memory cards that have populated the market, various utilities are available to not only check on the capacity and quality of flash memory, but also catch defects either before or during production. With minimum labor involved, these tools offer effective and efficient solution to quality assurance challenges.

Value-Added Functions

PC-LINK, Copy Protection, Fake Card Picker and Burn-In are advanced functions provided by different series of U-Reach's flash duplicators. Customers can have the best selection to meet their unique requirements.

HDD

Key Functions Of Intelligent 9 Flash Duplicators

The new Intelligent 9 Series, an innovated design that sets itself apart from its peers, , is anticipated to soon take up crucial role at the diversified media duplication stage. Besides supporting duplication of large target count and capacity to meet high-volume demands, the Intelligent 9 Series also helps users examine flash cards by providing the most accurate testing results known today. It will certainly become a must-have tool for people in search of high-end quality.

UB 930
(1-29 USB Drive)

ComboSD 924
(1-23 SD/microSD Card)

CF 940
(1-39 CF Card)

Log Report
An excellent management tool for operation auditing and trouble-shooting purposes. It records all the operation details and as well as target media information.

Varity of Flash Selection
With just a few condition settings, Intelligent 9 duplicators facilitate classification of USB, SD, Micro SD, CF and etc.

H5 Flash Quality Check
Supports both reading and writing test on flash devices, which can scan flash quality, detect its bad tracks, check its real reading & writing speed, and find its real capacity.

Bit-for-Bit High speed copy & Comparison
Only strict "bit-for-bit" comparison can guarantee all duplicated flash media reach the quality standards flawlessly.

Professional Burn-In Test
By continuously writing data, powering off, then reading and comparing data written, this function stress-tests media to ensure durability.

INTELLIGENT 9 Flash Duplicator

Silver Standard Series

❖ high–speed copy at up to 1.5GB/min across all targets for USB and Combo SD models.

❖ Scalable high–speed copy at 3.9GB/min across all targets for compact flash duplicators.

❖ Reliably compatible with most existing flash media while supporting USB3.0 flash drives and USB-powered HDDs, SSDs, and MP3 devices through enhanced power supply.

❖ Offers wide range of capacities in various packages for assorted flash media such as CF, SD/microSD and USB.

❖ Ergonomic design of 300 inclined panel to facilitate effortless insertion and removal of flash media.

❖ Swappable socket modules reduce repair cost and efforts.

❖ The smallest ever in the industry- cutting down office space and freight cost with up to 70% saving of shipping volume compared to standard tower case.

Ergonomic design with tilted port angle to facilitate easier insertion / removal of flash.

Low-cost maintenance.

Cutting down office space and freight cost with up to 70% saving of shipping volume

Quality Inspection H5

❖ Identifies problematic cards (unusually slow or covered in too many bad sectors) by writing and verifying data on all flash media simultaneously.

❖ User-defined test range and bad sectors tolerance level.

❖ Multi-tasking across all targets.

More Smart Functions

Instantly formats and displays capacities of flash media; allows different capacities of source and target by an adjustable margin.

Comparison Table

Function / Features	Silver Standard	Golden Advanced	Application
Quick copy	○	○	• High efficient mass copy • Format before shipment • Guaranty data correctness.
Bit-for-bit compare	○	○	
Format	○	○	
Erase	○	○	
Modularized port	○	○	
Ergonomic design	○	○	
Speed check	○	○	
H5 check	○	○	• Purchasing income inspection • Shipping quality inspection
Target tolerance	○	○	
A2 Fake picker	○	○	
Burn-In		○	• Life test of Flash cards • Production management
Log manager		○	

USB Drive Duplicator

1.5GB/m Copy Speed

UB 920(1:19)　　　　UB 930(1:29)　　　　UB 960(1:59)

Model Available

Model	UB 910	UB 920	UB 930	UB 940	UB 960	UB 980	UB 9120
Target	1 to 9	1 to 19	1 to 29	1 to 39	1 to 59	1 to 79	1 to 119

Compact Flash Duplicator

3.9GB/m Copy Speed

CF 904(1:3)　　　　CF 916(1:15)　　　　CF 940(1:39)

Model Available

Model	CF 904	CF 908	CF 916	CF 924	CF 940	CF 960	UB 9120
Target	1 to 3	1 to 7	1 to 15	1 to 23	1 to 39	1 to 59	1 to 119

ComboSD(SD/microSD Card) Duplicator

1.5GB/m Copy Speed

SD 908(1:7)　　　　SD 924(1:23)　　　　SD 964(1:63)

Model Available

Model	SD 908	SD 916	SD 924	SD 932	SD 940	SD 960	SD 9120
Target	1 to 7	1 to 15	1 to 23	1 to 31	1 to 39	1 to 59	1 to 119

Flash Duplicator

Golden Advanced Series

Based on Silver series, Intelligent Golden has more professional function : Log manager, Burn-In and PC link.

❖ Log manager

Securely records details such as timestamp, operation with status , faulty sectors, flash CID and S/N.

Log output information :
1. Report date, Quantity
2. Model No, Machine ID, BIOS version

Print Date: 2012-03-15 16:32:07
Model: Golden Fox 1-23
F/W Ver: 2.27.2
Machine ID: 27240.13358.34344.23933.59392
startNo=1
endNo=185

Operation Records:
1. Operation time
2. Operation function
3. Operation reusult

Flash cards information:
1. Capacity
2. ID
3. Manufacture date

TARGET INFORMATION

No.	-----Date-Time-----	Port	Result	Function	RUN Time	Capacity(Sector)	MID AID Name Revision	YearMonth	Serial No.	
0000001	2012-03-15 15:44:46	0021	FAIL(0)	CAPACITY CHECK	00:01	1876.0MB(3842048)	[002,TM,SD02G,3.8]	2009-01	2859654956	Real Size=0KB
0000002	2012-03-15 15:44:47	0022	FAIL(0)	CAPACITY CHECK	00:01	1935.0MB(3962880)	[027,SM,SD ,1.0]	2009-11	3467730407	Real Size=0KB
0000003	2012-03-15 15:44:47	0019	FAIL(0)	CAPACITY CHECK	00:01	1963.0MB(4020224)	[029,AD,SD ,1.0]	2011-04	240147	Real Size=0KB
0000004	2012-03-15 15:44:47	0007	FAIL(0)	CAPACITY CHECK	00:01	484.0MB(991232)	[000, ,N/A ,1.0]	2008-05	3943668212	Real Size=1859.0GB
0000047	2012-03-15 15:50:22	0019	FAIL(0)	FORMAT AUTO	00:02	1963.0MB(4020224)	[029,AD,SD ,1.0]	2011-04	240147	
0000048	2012-03-15 15:50:22	0021	FAIL(0)	FORMAT AUTO	00:03	1876.0MB(3842048)	[002,TM,SD02G,3.8]	2009-01	2859654956	
0000049	2012-03-15 15:50:22	0022	FAIL(0)	FORMAT AUTO	00:03	1935.0MB(3962880)	[027,SM,SD ,1.0]	2009-11	3467730407	
0000093	2012-03-15 15:59:54	0019	FAIL(0)	H5 TEST(20%) W:0.00M/S R:0.00M/S	00:02	1963.0MB(4020224)	[029,AD,SD ,1.0]	2011-04	240147	
0000094	2012-03-15 15:59:54	0021	FAIL(0)	H5 TEST(20%) W:0.00M/S R:0.00M/S	00:02	1876.0MB(3842048)	[002,TM,SD02G,3.8]	2009-01	2859654956	
0000095	2012-03-15 15:59:54	0022	FAIL(0)	H5 TEST(20%) W:0.00M/S R:0.00M/S	00:02	1935.0MB(3962880)	[027,SM,SD ,1.0]	2009-11	3467730407	
0000157	2012-03-15 16:17:41	0015	PASS	Copy(DATA,230.5MB)	00:55	972.0MB(1990656)	[039,PH,SD01G,2.0]	2007-12	2085829419	
0000158	2012-03-15 16:17:51	0004	PASS	Copy(DATA,230.5MB)	01:04	484.0MB(991232)	[000, ,N/A ,1.0]	2008-05	2380327993	
0000159	2012-03-15 16:17:53	0010	PASS	Copy(DATA,230.5MB)	01:06	970.5MB(1987584)	[027,SM,SD ,1.0]	2007-11	3333503846	
0000160	2012-03-15 16:17:55	0016	PASS	Copy(DATA,230.5MB)	01:08	952.5MB(1950720)	[026,PQ,5 ,1.0]	2007-07	631	
0000161	2012-03-15 16:17:55	0011	PASS	Copy(DATA,230.5MB)	01:08	952.5MB(1950720)	[026,PQ,SD ,1.0]	2008-04	422581003	
0000162	2012-03-15 16:21:41	0008	PASS	H3 TEST(20%) R:6.82M/S	00:07	245.0MB(501760)	[068, , ,0.0]	2008-10	4718658	
0000163	2012-03-15 16:21:47	0007	PASS	H3 TEST(20%) R:10.2M/S	00:10	484.0MB(991232)	[000, ,N/A ,1.0]	2008-05	3943668212	
0000164	2012-03-15 16:21:47	0004	PASS	H3 TEST(20%) R:10.1M/S	00:10	484.0MB(991232)	[000, ,N/A ,1.0]	2008-05	2380327993	
0000165	2012-03-15 16:21:49	0005	PASS	H3 TEST(20%) R:8.88M/S	00:12	483.8MB(990976)	[003,SD,SD512,5.7]	2004-11	544708263	

❖ Burn-In

Differentiates inferior cards by continuously writing and verifying data (predefined or automatically generated) for a fixed number of cycles or a specified duration.

❖ PC Link

Real-time monitoring via PC brings better production management.

Red Security Series

The best innovation to combine copy protection, mass production and customer self control into Red Security Series. The solution for content providers who must need to mass-producr copy-protection media for distribution.

- ❖ Works without requiring any particular media and loyaltfee.
- ❖ Mass-produce USB drive and SD cards with encryption.

Tortal Ownership on Protection

- ❖ Customers self develop their own product keys utilizing tools provided.
- ❖ Customers in complete control over their intellectual property.

Copy Protection
SD/microSD Card Duplication
Solution Architecture

Combo 924-R   PC

Source
Blank

U-Reach Red-Security
SD/microSD Duplicator (SD924R)

Customer self developed.
Key generator (SDK)