IQ112(I-I)
HDD Duplicator
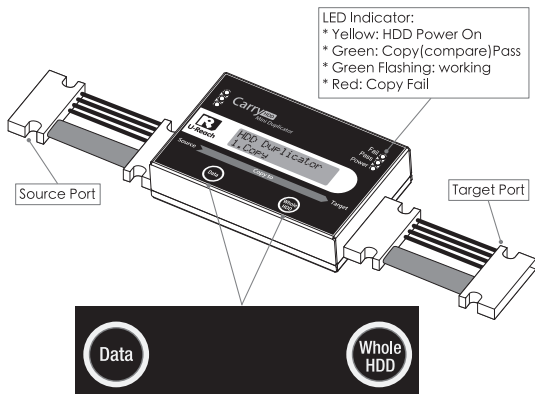## User Guide

EN

IQ112 HDD Dupe User Guide

1 Product introduction

LED Indicator:
* Yellow: HDD Power On
* Green: Copy(compare)Pass
* Green Flashing: working
* Red: Copy Fail

Source Port

Target Port

Data

Whole HDD

2 Features:

● Ultra high speed supports up to 6.5GB/minute copy speed based on real test result.

● Analyze skip, and show bad sector for source and target HDD during copy.

● Auto power control to protect HDD from damaging while swaping HDD.

● Both 2.5" and 3.5" IDE and SATA HDD and SSD.

● Support 2 different duplication modes; Linux(Ext2/Ext3/Ext4), NTFS, FAT 16/32/64, HFS, HFS$^+$, HFSX, GPT, and Dynamic HDD for quick copy(Data and System) and Whole HDD.

● Quick copy mode copy only Data and System area can highly increase the copy efficiency.

● Light weight for easy carry.

● Auto detect and show bad setors.
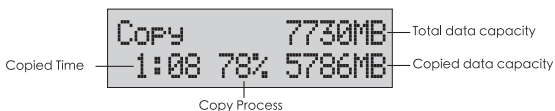
3 Function introduction

1. Quick Copy

Press Data button to do quick copy. It will only copy area which includes data, file or system. The function only supports Linux(Ext.2/Ext.3/Ext.4),NTFS,FAT 16/32/64, HFS, HFS⁺, HFSX,GPT,and Dynamic HDD. For rest of format, please use whole HDD copy.
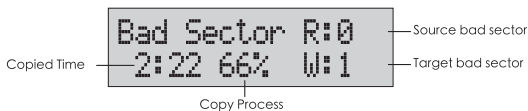
2. Whole HDD

Press Whole HDD button to do copy. It will copy whole HDD area including blank area. It supports all kinds of format.

During copy, it shows the quantity of bad sector in Source and Target HDDs.

Copy Process

```
Copy        7730MB
1:08 78% 5786MB
```

Total data capacity — Copy 7730MB
Copied Time — 1:08 78% 5786MB — Copied data capacity
Copy Process

(if there is any bad sector)

```
Bad Sector R:0
2:22 66%  W:1
```

Source bad sector — Bad Sector R:0
Copied Time — 2:22 66% W:1 — Target bad sector
Copy Process

IQ112 HDD Dupe User Guide

Copy result:
(Pass)

```
Pass  2:18
 No Bad Sector !
```

Total copy Time

```
Fail  2:14
Bad Sector R0 W1
```
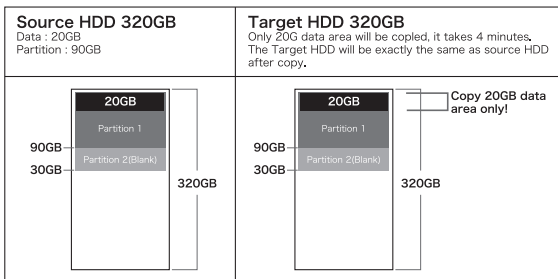— Target bad sector

Source bad sector

ⓘ It can support to copy HDD with errors up to 6000 sectors.
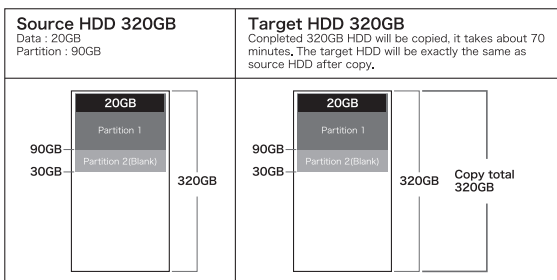
Example of Quick copy (system and files):

Source HDD 320GB Data : 20GB Partition : 90GB	Target HDD 320GB Only 20G data area will be copied, it takes 4 minutes. The Target HDD will be exactly the same as source HDD after copy.
20GB Partition 1 90GB — 30GB — Partition 2(Blank) 320GB	20GB Partition 1 90GB — 30GB — Partition 2(Blank) 320GB Copy 20GB data area only!

ⓘ It is strongly suggested to use the same capacity of source and target HDD.

Example of Whole HDD copy

Completely copy whole HDD without analysis, including all kinds of data format and blank space. The system will bit by bit read source and copy to target no care of its format. Therefore, it is strongly suggested to have target HDD bigger than source HDD to reduce the risk of data loss.

Source HDD 320GB Data : 20GB Partition : 90GB	Target HDD 320GB Conpleted 320GB HDD will be copied, it takes about 70 minutes. The target HDD will be exactly the same as source HDD after copy.

> It is strongly suggested to use the same capacity of source and target HDD.

3. System Update

Press Data and Whole HDD button at the same time then switch on the device. It will start to update the ststem automatically.

IQ112 HDD Dupe User Guide

▌4 Specification

Product Name		Carry Mini HDD Dupe
Product Number		IQ 112
Targets		1:1
HDD Interface		SATA, IDE(optional)
Display		Monochrome LCD
Control Button		2 push buttons
Compatible HDD		All major brand of 2.5" ,3.5" SATA and IDE HDD and SATA SSD
Duplication Mode		1. System and Files 2. Whole HDD
Support Formate		The Quick copy mode support Linux (Ext2 /Ext3/Ext4),NTFS,FAT 16/32/64, HFS, HFS$^+$, HFSX,,GPT,and Dynamic HDD.
Capacity		3TB and above
Power Supply		12 V/DC, 5 A adapter
Temperature	Storage	-20℃ ~85℃
	Working	5℃ ~45℃
Humidity	Storage	5%~95%
	Working	20%~80%

UReach

www.ureach-inc.com