RAIDON

iR2024T 快速安裝導引

產品示意圖與配件表

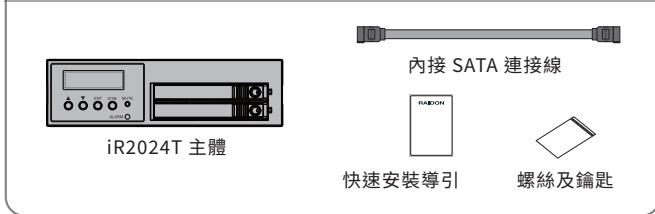前視圖

背視圖
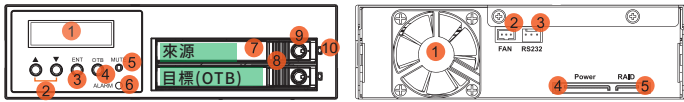
1.液晶顯示面板
2.選擇鍵(UP/DOWN)
3.確認鍵(Enter)
4.備份鍵(OTB)
5.靜音按鍵(MUTE)

6.電源 / 故障顯示燈
7.硬碟抽取盒把手
8.頂部按鍵
9.硬碟抽取盒鎖
10.硬碟讀寫燈

1.風扇
2.風扇連接埠
3.RS232 連接埠
4.SATA 15Pin 電源輸入埠
5.SATA 7Pin 資料連接埠

打開包裝外盒後，包裝內容應包含下列組件：

產品配件表

iR2024T 主體

內接 SATA 連接線

快速安裝導引　　螺絲及鑰匙

- 請先確認相關配件與產品本身是否有受損或是缺少配件，若有任何疑問，請與您的經銷商或業務人員聯絡。
- 請前往官網 (www.raidon.com.tw) 下載說明書、驅動程式以及其餘相關資源。
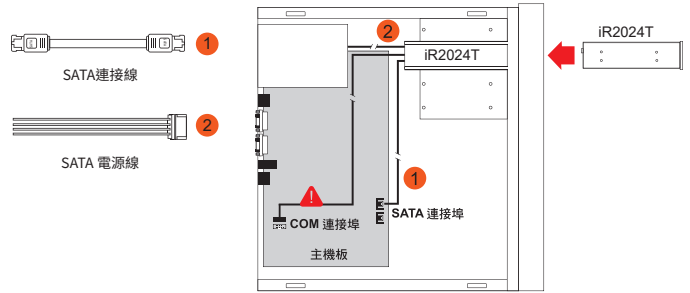
f 銳銨科技

V0.1(Oct. 2023)

硬體安裝

請參照以下步驟完成硬體安裝：

1. 請使用零件包內附的鑰匙解鎖硬碟抽取盒鎖，將頂出按鍵向右推移，硬碟抽取盒把手便會彈開，即可取出抽取盒。

Lock　　Unlock

2. 安裝 2.5 吋硬碟，請使用 4 顆零件包內附的小顆螺絲加以固定。

3. 硬碟安裝完成後請將抽取盒平移放入主機內並關上把手。

4. 將產品安裝於電腦機殼上的 CD-ROM 位置，並使用配件包裡的螺絲固定，並連接 SATA 連接線與 SATA 電源線。

SATA連接線　　1

SATA 電源線　　2

iR2024T

COM 連接埠　　SATA 連接埠
主機板

內接主機殼示意圖

5. 硬體安裝完成。一旦開啟電腦，您的作業系統會自動辨識所裝置好的硬碟。如果您的硬碟是必須被格式化的，請依照電腦的作業系統進行硬碟格式化步驟。當完成硬碟格式化後，硬碟便可以進行資料讀寫。

燈號說明

狀態	Disk1 指示燈	Disk2 指示燈 (OTB)	電源 / 故障顯示燈	蜂鳴器
待機	藍燈恆亮	紅燈恆亮	藍燈恆亮	N/A
資料存取	紫燈閃爍	紅燈恆亮	藍燈恆亮	N/A
Rebuilding-Disk1	藍燈恆亮	- - -	藍燈恆亮	N/A
Rebuilding-Disk2 (OTB)	- - -	紅燈閃爍	藍燈恆亮	N/A
風扇故障	- - -	- - -	紫燈恆亮	鳴叫
溫度過高	- - -	- - -	紫燈恆亮	鳴叫

註：此為OTB產品，啟動Target Driver 需要按下OTB按鍵後才會啟動。

LCD顯示的各種訊息

1. 第一次開機狀態

```
RAID-1 degraded
Pri : O    Sec : M
```

2. 啟動OBT

```
Pri HDD  : OK
Sec HDD : INSERT
```
```
Pri HDD  :  OK
Sec HDD :  OK
```

3. 資料重建

```
Rebuilding
Pri → Sec 00%
```

4. 重建完成

```
Pri HDD  :  OK
Sec HDD :  OK
```

5. 硬碟損毀

```
RAID-1 degraded
Pri : O    Sec : M
```
```
RAID-1 degraded
Pri : M    Sec : O
```

6. 溫度過高 (≥50 ℃)
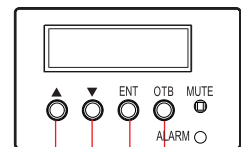
```
Pri HDD : OK
Sec HDD : OK    T
```

7. 風扇故障

```
Pri HDD : OK       F
Sec HDD : OK
```

NOTE
1. 當「T」出現時，是代表系統過熱的警告，但是不至於影響正常資料傳輸，只要改善環境溫度，就可恢復正常。
2.在重建完成後，目標Driver 沒有拔出前會維持Raid 1 狀態。

前面板操作

ENT　OTB　MUTE
ALARM

開始備份
跳回上一層 或是 取消
循序選擇項目

產品使用注意事項

1. 電腦或伺服器具備 SATA I、SATA II 或 SATA III 介面。
2. 具備 SATA I、SATA II 或 SATA III 介面的硬碟。
3. 本系統允許使用不同廠牌的硬碟。但如果要獲得更好的效能，我們強烈建議使用相同廠牌型號的硬碟。
4. 安裝硬碟前請先確認所使用的硬碟並無壞軌或是其他問題，以免導致系統損毀或資料遺失。
5. 硬碟格式化後，iR2024T 的總使用儲存容量或許會與硬碟容量加總後的有所不同。
6. 強烈建議除了使用 iR2024T 的資料儲存功能外，請針對重要資料備份到另一個儲存裝置上或遠端備份，雙重備援您重要的資料。若您儲存在 iR2024T 的資料損毀或遺失，RAIDON 將不負任何的責任。

RAIDON

iR2024T Quick Setup Guide

Package Contents and Product Views

Front View

Rear View
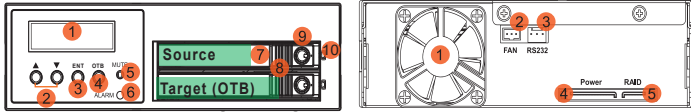
1. LCD Display
2. UP/DOWN Button
3. Enter Button
4. OTB Button
5. MUTE Button
6. Power Failure Indicator
7. HDD Tray Handle
8. HDD Tray Ejection
9. HDD Tray key lock
10. HDD Access Indicator

1. Cooling Fan
2. 3-pin Fan Connector
3. RS232 Connector
4. 15-pin Power Connector
5. 7-pin SATA Connector

Open the package and you should find the following:

Contents of Product Package

iR2024T Device

Internal SATA Cable

Quick Installation Guide

Screws & Pins
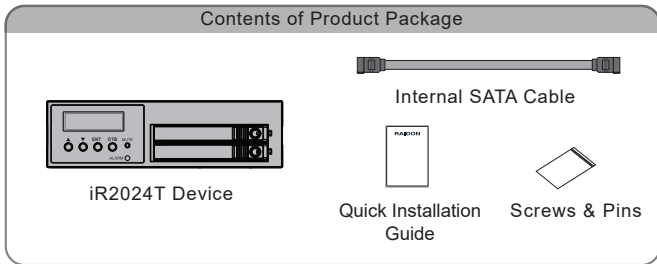
- Please check the product and accessories for any defect or missing parts. If you have any questions, please contact your product supplier.
- Please visit the official website - Download page (https://www.raidon.com.tw) to download drivers and other related resources.

[f] Raidon
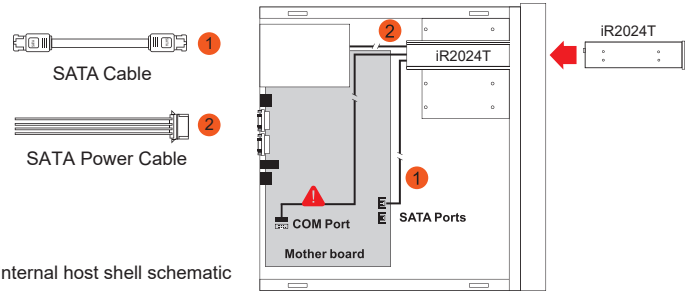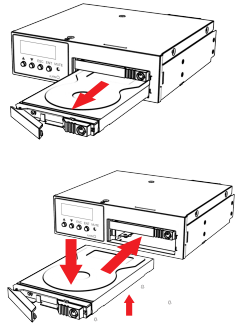
V0.1(Oct. 2023)

1

Hardware Installation

Please install iR2024T as the following instruction.

1. After unlocking the HDD tray key lock with the key attached to the accessory, push the HDD tray ejection to the right and the removable drive tray will pop open to remove the removable tray.

Lock   Unlock

2. Install the 2.5-inch hard disk and secure it with the small screws included in the 4 parts package.
3. When the hard drive installation has been completed, insert the hard drive tray into the system horizontally and secure the latch into place.
4. Install device into one of the CD-ROM bays with screws from the accessory kit. Then properly connect SATA cable and SATA power cable from your system to the device.

SATA Cable

SATA Power Cable

iR2024T

iR2024T

COM Port

Mother board

SATA Ports

Internal host shell schematic

5. Power on your system after hardware installation is completed, and your operating system will automatically detect the hard drives from booting. Then follow the steps from your operating system to partition and format the drives when necessary, device will be ready to use once the format is completed.

2

LED Instruction

Status	Disk1	Disk2(OTB)	System Indication	Buzzer
HDD Idle	Blue light always on	Red light always on	Blue light always on	N/A
Access	Purple light flashing	Red light always on	Blue light always on	N/A
Rebuilding-Disk1	Blue light always on	– – –	Blue light always on	N/A
Rebuilding-Disk(OTB)	– – –	Red light flashing	Blue light always on	N/A
Fan Failure	– – –	– – –	Purple light always on	ON
Temp Failure	– – –	– – –	Purple light always on	ON

Note: This is an OTB product, and you need to press the OTB button to start the Target Driver.

Hard Disk Status on LCD Screen

1. Booting and Normal status

```
RAID-1 degraded
Pri : O    Sec : M
```

2. Start OBT

```
Pri HDD : OK
Sec HDD : INSERT
```
```
Pri HDD :  OK
Sec HDD : OK
```

3. Rebuilding

```
Rebuilding
Pri → Sec 00%
```

4. Rebuilding OK

```
Pri HDD : OK
Sec HDD : OK
```

5. HDD Failure

```
RAID-1 degraded
Pri : O    Sec : M
```
```
RAID-1 degraded
Pri : M    Sec : O
```

6. Over Temperature (≥50°C)

```
Pri HDD : OK
Sec HDD : OK    T
```

7. Fan Failure

```
Pri HDD : OK        F
Sec HDD : OK
```

NOTE
1. When "T" is shown, it's an alert of system over heating, but it would still work fine. And as long as the ambient temperature is improved, system shuts off the alert.
2. After the rebuild is completed, the target driver will remain in the Raid 1 state until it is unplugged.

3

Description of Front Panel Operation

- Back to next level or Cancel
- Start Backup
- Select Items
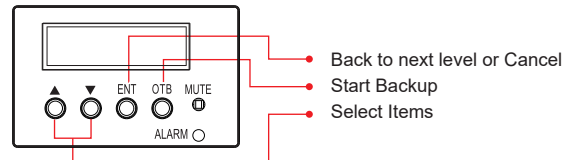
Important Notice

1. Computers or servers must be with SATA I, SATA II, or SATA III interface.
2. Hard drive must be with SATA I, SATA II, or SATA III interface.
3. iR2024T product allows user to simultaneously use the two different hard drives from two different manufactures. However, if the user expects a better efficiency, we strongly recommend the user to use the two hard drives from the same manufacturer.
4. Please make sure that the two hard drives are free from bad blocks or defects prior to installation in order to avoid system crashes or data loss.
5. The actual storage capacity of iR2024T recognized by the system may differ from the total capacity stated on the hard drives combined once the drives have been formatted.
6. It is highly recommended for user to back up important data contained within the iR2024T unit on a regular basis or whenever the user feels necessary to a remote or a separate storage device. RAIDON will not be responsible for any lost of data caused during the use of the unit or the recovery of the data lost.

4