

關於這份手冊

感謝您使用 STARDOM 的產品。本手冊將介紹 STARDOM ST4 產品。在您開始使用 STARDOM ST4 產品前,建議您先閱讀過本手冊。 手冊裡的資訊在出版前雖已被詳細確認,實際產品規格仍將以出貨時為準;任何產品規格或相關資訊更新請您直接到 www.stardom.com.tw 網站查詢,本公司將不另行通知。若您想獲得 STARDOM 最新產品訊息、使用手冊、韌體,或對 STARDOM 產品 有任何疑問,請您聯絡當地供應商或到 www.stardom.com.tw 取得相關訊息。

本手冊相關產品內容歸 銳銨科技股份有限公司 版權所有

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1. 環境需求

工作溫度 : 10 ~ 35 ℃ (50 ~ 95 ℉) 儲存溫度 : -20 ~ 47℃ (-4 ~ 116 ℉) 工作電壓 : 100 ~ 240V AC

2. 產品外觀及包裝內容

打開包裝外盒後,包裝內容應包含下列組件:

ST4-TB	
ST4-TB 產品本體 × 1 (內含抽取盒x 4)	
Thunderbolt 連接線 x 1	
電源線 × 1	
零件包	
CD (操作使用手冊 / 軟體) x 1	

請確認相關配件與產品本身是否有受損或配件缺少,若有任何疑問請與本產品供應商聯絡。

正面與背面示意圖

- A. 硬碟狀態指示燈
- B. 硬碟抽取盒
- C. 鑰匙孔
- D. 電源指示燈
- E. 電源開關
- F. 電源插座
- G. Thunderbolt 連接埠
- H.防竊鎖孔



3. 硬體需求與注意事項

- 1.在安裝新硬碟到 ST4 系列之前,請先確認硬碟是沒有壞軌而且是沒有故障的,以避免資料受損。
- 2. 當您需要關閉或移除 ST4 系列時,務必透過您所操作的作業系統中執行硬碟安全移除後,方可進行電源關閉的動作。
- 3. 當系統運作時, 請勿任意移除任何一顆硬碟, 以免導致資料遺失。
- 4. 如你希望將 ST4 系列搭配軟體或硬體 RAID 功能使用時,請先瞭解並注意你所要使用 RAID 層次及配件的特性與限制。
- 5. 強烈建議除了使用 ST4 系列的資料儲存功能外,請針對重要資料備份到另一個儲存裝置上或遠端備份,雙重備份您重要的資料。若 您儲存在 ST4 系列的資料損毀或遺失, STARDOM 將不負任何的責任。

4. 硬體安裝

請參照以下步驟完成硬體安裝



- 步驟1 當你打開包裝後,首先請先檢查產品主體以及附件是不是有毀損或是短缺情形,如果有發生產品主體及附件短缺,請立刻與您 的供應商聯絡。
- 步驟2 將主機置放於平穩空間上,並確認散熱風扇沒有被擋住,且四周有適當的散熱空間。(請避免接近水源或是其他容易造成產品損 傷的環境)
- 步驟3 請使用零件包中所附的頂針插入鑰匙孔,開啟硬碟抽取盒把手便將抽取盒取出。
- 步驟4 將硬碟安裝到抽取盒上,並以零件包內附的螺絲加以固定,以避免不必要的移動對硬碟造成傷害。
- 步驟5 硬碟安裝完成後,請將抽取盒平移放入主機內,並關上把手。
- 步驟6 請依據您欲使用的介面,從附件包中選擇相對應的連接線,將 ST4 系列背面連接埠與電腦主機相對應介面埠連接。
- 步驟7 AC Power 電源線與 ST4 連接好,並將接頭接上電源插座後開機。
- 步驟8 開機後,您的作業系統將會自動辨識到儲存容量;待辨識成功後,請依據您所需的儲存格式,將系統依照作業系統的指示完成格 式化。待硬盤格式化完成後,便可直接使用ST4系統。

5. 圖形介面操作軟體

一、安裝監控軟體:

請使用配件中的光碟或至www.stardom.com.tw官網下載。

1."系統偏好設定"的"安全性與隱私"選項。



2."一般選項"下,開啟左下角的解鎖。



3. 輸入電腦帳號及密碼。

	Security & Privacy	Q Search
	General FileVault Firewall Privacy	
A login password	has been set for this user Change Passwo	rd
Requir		
Show a	System Preferences is trying to Privacy preferences. Type your p this. Username:	unlock Security & bassword to allow
	Password:	
Allow apps de Mac A Mac A Anywhere	Car	icel Unlock
Authenticating		Advanced ?

4. 選擇允許從"任何來源"下載的應用程式。

000 <		Security & Privacy	Q Search
A lo	ogin	Choosing "Anywhere" makes your Mac less secure. This selection will be reset automatically if unused fr 30 days. Instead, you can allow an individual application from an unknown developer by control- clicking its icon and choosing "Open". Allow From Anywhere Cancel	is or ins
Alle	w apps downloade Mac App Store Mac App Store Anywhere	d from: and identified developers	
Click th	ne lock to prevent fur	ther changes.	Advanced ?

5. 關閉左下角的解鎖選項。

6.打開MSU應用程式進行安裝,從"簡介"→"許可證"→"選取目標"→"安裝類型"→"安 裝"→"摘要"進行安裝,點選右下角"繼續"選項。

0 0	🥪 Install Marvell Storage Utility
	Welcome to the Marvell Storage Utility Installer
Introduction	You will be guided through the steps necessary to install this software.
License	
Destination Select	
Installation Type	
Installation	
 Summary 	
	Go Back Continue

7. 點選右下角"繼續"選項。

	💝 Install Marvell Storage Utility
	Software License Agreement
	English
License	MARVELL END USER LIMITED USE LICENSE AGREEMENT
Destination Select	The use of the "Software," as defined herein, is exclusively
Installation Type	governed by the terms of this End User Limited Use License Agreement (the "Agreement") between MARVELL
Installation	INTERNATIONAL LTD ("MARVELL") and you ("Licensee").
Summary	BY OPENING THE SOFTWARE PACKAGE AND CLICKING "I accept the terms in the License Agreement" OF ANY ELECTRONIC VERSION OF THIS AGREEMENT, YOU ACKNOWLEDGE THAT YOU HAVE READ THE AGREEMENT AND AGREE TO BE BOUND BY ITS TERMS AND CONDITIONS. IF YOU DO NOT AGREE TO THE TERMS OF THIS AGREEMENT, CLICK "I do not accept the terms in the License Agreement" AND CEASE ACCESSING OR USING THE SOFTWARE MADE AVAILABLE BY MARVELL. DEFINITIONS. For purposes of this Agreement:
	Print Save Go Back Continue

8.點選"同意"選項。

000		😺 Install Marvell	Storage Utility	,		
	To continue in the software li	stalling the software cense agreement.	you must agr	ee to the terms	of	
IntiLic	Click Agree to quit the Installe	continue or click Disa r.	gree to cancel	the installation a	Ind	1
De:InsIns	Read License	9	Di	isagree Ag	e	
 Summ 	hary	BY OPENING THE SC accept the terms in ELECTRONIC VERSIG ACKNOWLEDGE TH AND ACREE TO BE I IF YOU DO NOT AG AGREEMENT, CLICK License Agreement SOFTWARE MADE A DEFINITIONS. For p	DFTWARE PACK the License A DN OF THIS AC AT YOU HAVE BOUND BY ITS REE TO THE TE "I do not acce " AND CEASE A VAILABLE BY N Durposes of thi	AGE AND CLICk greement" OF Ai REEMENT, YOU READ THE AGRE TERMS AND CO RMS OF THIS pt the terms in ICCESSING OR U MARVELL. is Agreement:	KING "I NY EMENT NDITIONS. the SING THE	

9.顯示MSU軟體佔用電腦硬碟空間大小說明,點選右下角"安裝"選項。

	😜 Install Marvell Storage Utility
	Standard Install on "Macintosh HD"
 Introduction License Destination Select Installation Type Installation Summary 	This will take 133.2 MB of space on your computer. Click Install to perform a standard installation of this software on the disk "Macintosh HD".
	Change Install Location Go Back Install

10.輸入電腦帳號及密碼後,點選右下角的"安裝軟體選項"。

Installer is t your passwo	rying to install new software. Type ord to allow this.
Username:	
Password:	
	Cancel Install Software

11.執行安裝完成,點選右下角的"關閉"選項。



12.安裝完畢後,電腦重新開機後再開啟監控軟體。

、監控軟體操作: 一 血生和超球了: 操作MSU之前,請先確認ST4-TB已確實與電腦連接,並已開啟電源及硬碟。 請使用企業級監控硬碟,並選擇相同廠牌及容量使用。

1.輸入電腦帳號及密碼。

$\bullet \bullet \bullet < > \square$		localhost	Ċ	1 0 0 +
			Marvell. Moving	Forward Faster
				۲
	• Username • Password	Remember password	(ComanUsertane)	
		Login		

2.左列管理視窗,一共有Marvell Storage Management、Device及Management三個層級。 Marvell Storage Management:使用者電腦名稱、IP位址及MSU版次。 Device:RAID設定及連接硬碟的個別資訊。 Management: E-Mail通知及通知事故的設定。

				localhost	C	
		9			٨	Narvell. Moving Forward Faster
ome Admi	n [Logout]] (Rescan)				
м	larvell		Property			
Marve	Il Storage Ma	anagement				
- Device	2 Adapter 0		Host Name		newdeMac-Pro.local	
	Physical D	evices	Host IP		127.0.0.1	
	Ph	ysical Disk: port 0	MSU Version		4.1.0.2032	
- Manag	ement Account Ma Email Notif	ysical Disk: port 3 anagement fy Setting Jule Setting				
Even	t Logs(:	141~160/Total Ev	rents:160)	Save Clear		0000
	Adapter	Class	Time		Description	
0	0	VD Event	01/16/2015 14:26	Virtual Disk 0 is deleted		0
0	0	VD Event	01/16/2015 14:15	Fast initialization on Virtual Disk 0 completed		
	0	VD Event	01/16/2015 14:15	Fast initialization on Virtual Disk 0 started		

三、 RAID設定:

- A. 若使用的硬碟之前有在其他機器作過RAID,請先確認RAID已清除並重新格式化完畢。 B. 切換任何RAID模式之前,請先行確認所有資料的備份在其他硬碟上。 C. JBOD:各別使用置入的硬碟存取空間。 D. RAID-0:僅加速資料存取速度,對於資料備份不作任何保障。

- 1. 點選"Device"→"Adapter"→"Operation"→"Create RAID"。

				loc	alhost	Ċ	600
M						Marvo	II. Moving Forward Fas
me Admin	[Logout]	(Rescan)					
Mai	rvell		Propert	Operation			
Marvell St	torage Ma	inagement		Create HyperDuo			Modify Restore
Device	danter 0		BIOS Vers	on Create RAID	1.0.0.1021		
	hysical De	rvices	Firmware	/ersic Quick Create Wizard	2.3.0.1056		
	Phy	vsical Disk: port 0	Boot Load	er Version	2.1.0.1005		
	- Phy Bhy	vsical Disk: port 1	Driver Ver	sion	N/A		
	Phy	vsical Disk: port 3	Chip Revis	ion ID	A1		
😑 Managem	ent		Vendor ID		1848		
- <u>88</u> A	ccount Ma mail Notif	anagement v Setting	Sub Vende	r ID	1848		
B	GA Sched	ule Setting	Device ID		9230		
			Sub Devic	ID	9230		
			Bost Cours	10	92.50		
			Port Court				
			Max PCIE	speed	SGD/S		
			Current Po	ie speed	5GD/S		
A.			Max PCIe	link	2X		
Event I	Logs(1	41~160/Total Ev	ents:160)	Save Clear			0000
A	dapter	Class	Time			Description	
	0	VD Event	01/16/2015 14:	26 Virtual Disk 0 is deleted	al Disk Constants		
	0	VD Event	01/16/2015 14:	15 Fast initialization on Virtu	al Disk o completed		
	0	VD Evenc	01/10/2013 14.	15 Pasc Initialization on virte	ar bisk o starteu		



3.勾選欲使用的硬碟數量。

				localhost	C	Ê ē O
M ne <i>Admin</i>		tescan)				Marvell. Moving Forward Fast
Ма	rvell		Property	Operation		
Marvell S	dapter C hysical Devices 	Disk: port 0 Disk: port 1 Disk: port 2 Disk: port 3	Create New V SATA 465.8 GB (465.7 GB) ID : 0	D SATA 465.3 CB (D) : 1 (D) : 1 (D) : 2 (D) : 3 (D) : 3 (D	Select RAID Level:	9400 0 😦
93 A 88 E 19 B	ccount Managen mail Notify Setti GA Schedule Se	nent ng tting				
92 A	ccount Managen mail Notify Setti GA Schedule Se	nent ng tting	: Max number of Useable Capacit	djaks for create VD ty of Volume		4 1,862.7 GB
	ccount Managen mail Notify Setti GA Schedule Se	nent ng tting	Max number of Useable Capacit	slicks for greate VD sy of Volume		4 1,862.7 68 Next Cancel
Event	ccount Managen mail Notify Setti GA Schedule Se	nent ng tting 160/Total Eve	Max number of Useable Capacit ents:160)	disks for create VD y of Volume Save Clear		4 1,862.7 GB Next Cancel
Event	CCOUNT Managen mail Notify Setti GA Schedule Se LOGS(141~ dapter	nent ng tting 160/Total Eve Class	Max number of Useable Capacit unts:160) Time	disks for oreste VD ty of Volume	Description	4 1,852.7 68 Next Cancel
	Coount Managen mail Notify Setti GA Schedule Se Cooperative Cooper	160/Total Eve Class VD Event	Max number of Useable Capacit unts:160) Time 01/16/2015 14:26	dids for onate VD ty of Volume Save Clear Virtual Disk D is deleted	Description	1,662.7 68 <u>Next</u> Cancel ن ن ن ن
	CCOUNT Managen mail Notify Setti GA Schedule Se COGS(141~ dapter 0 0	160/Total Eve Class VD Event VD Event	Max number of Useable Capacit ints:160) Time 01/16/2015 14:26 01/16/2015 14:15	disks for create VD y of Volume Save Clear Virtual Disk 0 is deleted Fask initialization on Virtual Disk 0 completed	Description	4 1,8627 CB Next Cancel

4.再次確認RAID層級及硬碟數量,確認無誤後點選"Next"選項。

									Marvell. Mor	ving Forward F	Fast
e Admir	[Logout]	Rescan		_			_	_	_		
м	arvell		Prop	erty	Operation						
Marvel	I Storage Ma	nagement	Creat	New V	D			Select RAID Leve	el: RAID 0 💿		
Physical Devices Physical Disk: port 0 Physical Disk: port 1 Physical Disk: port 2 Physical Disk: por			sport 0 5513 5513 5513 5513 5513 5513 5513 55			SATA 465.8 GB (465.7 GB) ID : 3					
			Max n	umber of	disks for create	VD		1	4		
Useable Capacity of			y of Volume	of Volume			1,862.7 GB				
										Next Cano	el)
Event	t Logs(1	41~160/Total E	vents:160)		Save	Clear				000	2 6
	Adapter	Class	Time					Description			
0	0	VD Event	01/16/2015	14:26	Virtual Disk	0 is deleted					
			01/10/2015		Control to be for the						
0	0	VD Event	01/16/2015	14:15	Past initializa	ation on Virtual	Disk 0 completed				



6.跳出確認建立RAID視窗,按下確認鍵。

				locano				
						Marvell.	Moving Forward	d Fas
me Adm	nin [Logout]	(Rescan)						
N	Marvell	_	Property	Operation				-
Marve	ell Storage Mana	agement	Create New VI	D	http://localhost:8845			
Devic	ce		Name :	VD R0 1	Do you want to create this virtual disk?		1862.7 GB	
ė- ;	Adapter 0		Nume :					
E	Physical Devi	ices ical Disk: nort 0	Initialize :	Fast Initialization	取消	好	64K 🖸	
	Physi	ical Disk: port 1	Cache Mode :	Off(Reliable)			None 0	
		ical Disk: port 2						
	Physi Physi	ical Disk: port 2 ical Disk: port 3						
— Mana	Physi Physi agement	ical Disk: port 2 ical Disk: port 3	1					
—Mana	Physi agement Account Mani	ical Disk: port 2 ical Disk: port 3 agement Setting						
E_Mana	Physi agement Account Mani Email Notify 1 BGA Schedul	ical Disk: port 2 ical Disk: port 3 agement Setting le Setting						
e_Mana	Physi agement Account Mani Email Notify : BGA Schedul	ical Disk: port 2 ical Disk: port 3 agement Setting le Setting						
	Physi agement Account Mani Email Notify : BGA Schedul	ical Disk: port 2 ical Disk: port 3 agement Setting ie Setting						
e_Mana	Physi agement Account Mani Email Notify : BGA Schedul	ical Disk: port 2 ical Disk: port 3 ogement Setting le Setting						
-Mana	Physi agement Account Mani Email Notify :	ical Disk: port 2 ical Disk: port 3 agement Setting e Setting	Selected RAID La	evel :	1		RAID 0	
Mana	Physi Physi agement Account Manu Email Notify : BGA Schedul	ical Disk: port 2 ical Disk: port 3 agement Setting le Setting	Selected RAID LA	evel : v of Volume :			RAID 0 1,862.7 GB	
e-Mana	Account Manu BGA Schedul	ical Disk: port 2 ical Disk: port 3 agement Setting e Setting	Selected RAID L Useable Capacity	evel : of Volume :		Previous	RAID 0 1,862.7 GB Submit Ca	incel
Mana Mana	Physicagement end Account Manuary Email Notify 1 BGA Scheduk nt Logs(14	ical Disk: port 2 ical Disk: port 3 ogement Setting e Setting	Selected RAID L Useable Capacity vents:160)	ovel : of Volume : Save Clear		Previous	RAID 0 1,662.7 GB	uncel
E-Mana	Physicagement Account Mana Email Notify 1 BGA Schedule ht Logs(14	Ical Disk: port 2 Ical Disk: port 3 agement Setting e Setting e Setting 11~160/Total Ett Class	Selected RAID La Useable Capacity vents:160) Time	evel : of Volume : Save Clear	Description	Previous	RAID 0 1,662.7 GB	incel)
E-Mana	Account Manu BGA Schedul	ical Disk: port 2 cal Disk: port 3 agement Setting e Setting e Setting ti~160/Total Eft Class VD Event	Selected RAID L Useable Capacity vents: 160) Time 0/1/6/2015 14:26	evel : of Volume : Save Clear Virtual Disk 0 is deleted	Description	Previous	RAID 0 1,862.7 GB Submit © ©	incel
e-Mana Even	Physis Physis	ical Disk: port 2 ical Disk: port 3 agement Setting le Setting ltatof/Total Et Class VD Event VD Event	Selected RAID La Useable Capacity vents:160) Time 01/16/2015 14:26	evel : of Volume : Save Clear Virtual Disk 0 is deleted Fast initialization on Virtual D	Description Visk 0 completed	Previous	1,802.0 1,802.708 Submit: © ©	incel)

7. RAID製作完畢。

- 磁碟陣列:命名方式從Adapter 0、Adapter 1…Adapter 5,ST4-TB最多串聯六組。 RAID:原始設定名稱皆為"VD_R0_1"。 可透過右上角的Modify選項作修改或Restore選項作回復。
- 硬碟ID:每組磁碟皆以0、1、2、3顯示。

• <>				localho	st	¢	• •	
MA						Mar	vell. Moving Forward Fas	
Admin [Logout]	Rescan						
Mar	المر	_	Property	Operation	_			
Marvell Sto	orage Manag	gement	Troperty	operation			(Modify) (Restore	
Device			ID		0			
🛓 💋 Ad	lapter 0		Name		VD B0 1			
	Virtua	Disk 0: (VD_R0_1)	RAID Level		RAID 0			
		ysical Disk: port 0	Statue		Euoctional			
		ysical Disk: port 1	Size		1 963 7 CP			
	- Ph	ysical Disk: port 3	Mombor Count	Member Count		4		
⊟_Ph	ysical Devic	es	Member Count		4			
	Physic	al Disk: port 0	Stripe Size		64 K			
	Physic	al Disk: port 2						
	Physic	al Disk: port 3						
Manageme	ent count Mana	aement						
Em	nail Notify S	etting						
BG	A Schedule	Setting						
			1					
Event L	ogs(151	~170/Total Ev	ents:170)	Save Clear)		0000	
Ad	lapter	Class	Time			Description		
0	0	VD Event	01/16/2015 18:07	Fast initialization on Vin	ual Disk 0 completed			
	0	VD Event	01/16/2015 18:07	Virtual Disk 0 is created	uai Disk o started			
•		VO LVEIL	01/10/2013 18:07	virtual blak o is created				

四、 RAID 刪除:

A.刪除任何RAID模式,請先行備份硬碟內的所有資料,RAID一旦刪除亦即代表資料刪除。

1. 點選欲刪除的RAID組中的Virtual Disk。 點選Operation,出現下拉式選單中的Delete選項。

• <					localhost		Ċ	1 0
								Marvell. Moving Forward Faste
me Admi	in [Logout] Rescan	_	_	_		_	
м	larvell		Property	Operation)			
🌛 Marvel	II Storage Ma	anagement		Rebuild				(Modify) Restore)
Device	e		ID	Delete				
E-₽	Virtual Dis	ks	Name		VD_F	(0_1		
1	🖬 🚾	tual Disk 0: (VD_R0_1)	RAID Level		RAID	0		
	6	Physical Disk: port 0	Status		Funct	ional		
		Physical Disk: port 1 Physical Disk: port 2	Size		1.867	7 68		
		Physical Disk: port 3	Mambar Count		1,001	., 00		
E	Physical D	evices	Pleinber Counc		4			
		ysical Disk: port 0 ysical Disk: port 1	Surpe Size		04 K			
	Ph	ysical Disk: port 2						
	- I Ph	ysical Disk: port 3						
- Manag	gement Account M	anacomont						
	Email Noti	ly Setting						
	BGA Schee	lule Setting						
A¥								
Even	t Logs(146~165/Total Ev	ents:165)	Save	Clear			0000
	Adapter	Class	Time				Description	
0	0	VD Event	01/16/2015 15:16	Fast initializa	tion on Virtual Disk 0 o	ompleted		
0	0	VD Event	01/16/2015 15:16	Fast initializa	tion on Virtual Disk 0 s	arted		
0	0	VD Event	01/16/2015 15:16	Virtual Disk 0	is created			

2. 出現確認刪除提醒視窗。

me Admin	[Logout]	(Rescan)					
Ma	nuell		Property	Operation			
Marvell S	Adapter 0 Virtual Disk Virtual	s s uni Disk Gr (VD R3.4) (Physical Disk: port 0 (Physical Disk: port 3 vices sical Disk: port 3 vices sical Disk: port 3 sical Disk: port 1 sical Disk: port 1 sical Disk: port 1 sical Disk: port 3 nagement y Setting ule Setting	ID Name RAID Level Status Size Member Count Stripe Size	Rebuild Delete	MTDJ/JOCAIDST WRNNOIT Al data on this vitu deleted 1,862.7 GB 4 64 K	ual disk will be erased once it is <u>P</u>	Modify Restor
Event	Logs(1	.46~165/Total Ev	ents:165)	Save Clea	 •		000
1	Adapter	Class	Time		-	Description	
	0	VD Event	01/16/2015 15:16	Fast initialization on	/irtual Disk 0 completed		
	0	100		Contractory Contractory and A	Contract Director A contractor		

3. 出現再次確認刪除提醒視窗。

• • <				loc	calhost	Ċ	ô 0 0		
						Ма	rvell. Moving Forward Faster		
ome Admin	[Logout]	Rescan							
м	arvell		Property	Operation			-		
Marvel	I Storage Ma	nagement		Rebuild	http://localhost:88	345	Modify Restore		
Device	l Adapter 0		ID	Delete	Are you sure you want	to delete this virtual disk?			
	Virtual Disk	s	Name						
Ĭ	ė- 💼 Mitt	ual Disk 0: (VD_R0_1)	RAID Level						
	-4	Physical Disk: port 0	Status		Functional				
		Physical Disk: port 1 Physical Disk: port 2	Size		1,862.7 GB				
	4	Physical Disk: port 3	Member Count		4				
ė	Physical De	vices sical Disk: port 0	Stripe Size		64 K				
	Phy	sical Disk: port 0							
	Phy	sical Disk: port 2							
Manag	ement Phy	sical Disk: port 3							
	Account Ma	nagement							
- 🔤	Email Notify	Setting							
III	BGA Schedi	ule Setting							
AT			1				2230		
Event	t Logs(1	46~165/Total Ev	rents:165)	Save Clear		Description	0000		
	Adapter	VD Event	01/16/2015 15:16	Fast initialization on Virtu	ual Disk 0 completed	Description			
Ő	0	VD Event	01/16/2015 15:16	Fast initialization on Virtu	ual Disk 0 started				
O	0	VD Event	01/16/2015 15:16	Virtual Disk 0 is created					

ne Admin [[Logout] (Rescan)		_			
Mar	rvell	Property	Operation			
Marvell St	torage Management		Rebuild		http://localhost:8845	Modify Restor
Device	dapter 0	ID	Delete		Do you want to delete the partition information if it has one?	
Vi	irtual Disks	Name			TT: 202	
Ė	Virtual Disk 0: (VD_R0	RAID Level			44.01	
	Physical Disk: port	1 Status			Functional	
	Physical Disk: port	2 Size			1,862.7 GB	
	Physical Disk: port	3 Member Count			4	
E_M		Stripe Size			64 K	
Managem	Physical Disk: port 1 Physical Disk: port 2 Physical Disk: port 3					
en Ac	ccount Management mail Notify Setting GA Schedule Setting					
▲▼ Event l	005(146+165/Total	Events:165)	Save	Clear)		000
A	dapter Class	Time			Description	
0	0 VD Event	01/16/2015 15:16	Fast initialization	n on Virtual Di	sk 0 completed	
0	0 VD Event	01/16/2015 15:16	Fast initialization	n on Virtual Di	sk 0 started	
_						

5. RAID模式刪除後,即回復原始連接的硬碟數量。

五、事件通知管理視窗說明:

1. 左側Management選項中的Account Management及Email Notify Setting,可以將ST4-TB執行時產生的事件記錄(如錯誤、異常或資訊),以Mail方式寄出一覽表。

	locahost Č	Ů Ů O + ●●●●			localhost	Ċ	ů 0 O
		Maryell. Moving Forward Faster					Marvell. Moving Forward Fast
ome Admin [Logout] (Rescan)		Welcome #	dmin [Logout] (Rescan)				
Marvell	Management		Manyoli	Management			
Marvell Storage Management	Account Management		Marven	Management			
Device	Login name - new mac non		evice	Email Notify S	Setting		
😑 🖉 Adapter 0			Adapter 0	 Server a 	address :		
Wirtual Disks Wirtual Disk 0: (VD - R0, 1)	Email address :		Virtual Disks	• Port :		25 551	
Physical Disk: port 0			- Witual Disk 0: (VD_R0_5	1)			
Physical Disk: port 1	Event notification level		Physical Disk: port 0	• Usernan	ne :		
Physical Disk: port 2	Error Warning Info Clear All		Althrace Disk: port 1	Passwor	rd :		
Physical Disk: port 3			Physical Disk: port 2	Confirm	your password :		
Physical Devices	1		Physical Devices				
Although Disk: port 0			Physical Disk: port 0	(The iter	ns with * are required)		Test setting
Physical Disk: port 2			Physical Disk: port 1				
Physical Disk: port 3			Physical Disk: port 2				
Management			enalement				
es Account Management			Account Management				
Email Notify Setting			mail Notify Setting				
		Contraction of December 1	BGA Schedule Setting				
47							
Event Logs(146~165/Total Events	:165) Save Clear	Ev	ent Logs(146~165/Total F	events:165)	(Save) (Clear)		0000
Adapter Class	Time Description		Adapter Class	Time		Description	
0 VD Event 07	/16/2015 15:16 Fast initialization on Virtual Disk 0 completed		0 VD Event	01/16/2015 15:16	Fast initialization on Virtual Disk	0 completed	1
0 VD Event 01	/16/2015 15:16 Fast initialization on Virtual Disk 0 started	ē	0 VD Event	01/16/2015 15:16	Fast initialization on Virtual Disk	0 started	
0 0 MD Durat 01	the manual sector is a sector of the sector						

6. 硬碟狀態指示燈號說明

狀態	電源 LED燈	硬碟 LED燈
電源開啟 /無硬碟	藍燈恆亮	N / A
電源開啟 / 硬碟閒置	藍燈恆亮	藍燈恆亮
電源開啟 / 硬碟讀取	藍燈恆亮	藍燈閃爍
電源開啟 / 硬碟故障	藍燈恆亮	N / A

7. 常見問題

1. ST4-TB在未連接Thunderbolt cable時,風扇與電源指示燈皆為停止及休眠狀態,直至連接Thunderbolt cable至電腦才會啟動風扇及 電源指示燈。

2. 電腦進入睡眠模式時,ST4-TB的風扇與電源指示燈皆為停止及休眠狀態,直至喚醒時才會啟動風扇及電源指示燈。

3. 若硬碟已在其他磁碟陣列產品存取資料或設定RAID MODE過,建議還原成JBOD模式後再應用於ST4-TB,以避免產生無法讀取硬碟問題。

4. 監控軟體若長駐開啟而未操作,建議在操作時重新搜尋或重新開關監控軟體,以獲得最新資訊。

5. 若使用者電腦已有舊版Marvell的監控軟體,建議刪除再安裝光碟內的監控軟體,以免產生軟體排斥問題。

SOHOTANK ST4-TB 使用者操作手册



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