User's Manual

Transcend[®] SSD Scope Software



(Version 1.0)

Transcend solid state drive products provide a more enjoyable, silent and extreme computing experience. Your solid state drive comes with Transcend SSD Scope – a very useful software application that can help maintain a healthy working SSD by keeping it up-to-date, preventing functional degradation, and predicting possible future issues. The SSD Scope software suite offers many useful features, including View Drive Information, View S.M.A.R.T. Status, Diagnostic Scan, Secure Erase, Firmware Update, and TRIM Enable.



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Hardware Requirements

Transcend internal Solid State Drive (SSD25S or SSD25).

Supported Operating Systems

SSD Scope supports the following operating systems:

- Windows® XP
- Windows Vista®
- Windows® 7

NOTE: You must have Administrator privileges to run the SSD Scope software

Getting Started

You do not have to install any software on your computer to run SSD Scope. Download SSD Scope from <u>www.transcend.com.tw/downloads</u>, unzip the file and double-click "SSD Scope.exe" to begin.

View Drive Information

Displays standard drive information of any supported Transcend SSD

1. Select "DRIVE" from the Main Menu.



2. Choose a Transcend SSD to view the drive information.

SSD Sco	pe™	S.M.A.R.T. Secure Trim De Status Erase & Ena	tec ble
TS32GSSD25S-M (F:G:)	Feature	Content	L
IS32GSSD25S-M (E:)	Physical Disk Number		
	Serial Number	20110810437556000000	7
	Firmware Version	888888	Ľ
	Model Number	TS32GSSD25S-M	L
	NCO Support	Supported	
	Major Version Number	Support ATA/ATAPI-8	
	SMART Support/Status	Supported/Enabled	
	Security Support/Enable	Supported/Disabled	
	APM Support/Enable	Supported/Disabled	
	Interface Type	Serial ATA	
	Trim Command Support	Supported	
	Transfer Mode	Ultra DMA mode 5	
	Serial ATA Capabilities	Support SATA Gen2 Signaling Speed	

View S.M.A.R.T. Status

S.M.A.R.T. is an industry standard storage device monitoring technique used

to detect possible hard drive failures before they occur.

1. Select "S.M.A.R.T." from the Main Menu.



2. Choose a Transcend SSD to view the S.M.A.R.T. status.

SSD Sco	pe™	Scan Upda Q & S.M.A.R.T. Secure Trim De Status Erase & Enc	ate etec able
S32GSSD25S-M (F: G:) S32GSSD25S-M (E:)	Feature	Content	F
	Power-On Hour Count	17	Ĺ
	Average Erase Count	8	8
	Maximum Erase Count	15	
	Minimum Erase Count	2	
	Current Temperature	40 °C (104 °F)	
	Minimum Temperature	30°C (86°F)	
	Maximum Temperature	60 °C (140 °F)	
x ; 2			

(How many S.M.A.R.T. status fields are displayed depends on your model.)

Diagnostic Scan

This function performs an overall health evaluation on your Transcend SSD.

1. Select "SCAN" from the Main Menu.



2. Choose a Transcend SSD on which to execute a diagnostic scan.

SSD Scor	De™		Drive Info S.M.A.R.T. Status	Diagnostic Scan Secure Erase	C3 Firmware Update ≫ Trim Detect & Enable
TS32GSSD25S-M (F: G:) TS32GSSD25S-M (E:)	Quick Scan	Full Scan			SCAN
A i 2 HOME ABOUT REFRESH					anscend® memories start here

3. Click "Quick Scan" or "Full Scan" to begin the scan. If you want to cancel the diagnostic scan during execution, press the "Stop" button.

SSD Sco	pe™		Drive Info S.M.A.R.T. Status	Diagnostic Scan Secure Erase	C) Firmware Update ★ Trim Detect & Enable
TS32GSSD25S-M (F: G:) TS32GSSD25S-M (E:)	Quick Scan Items Scanned : 21 Elapsed Time : 0 ht Stop	Full Scan 34.68 % 682100 /62524 (0 min 2 sec	980		SCAN
				€). Tr	anscend

Secure Erase

1. Select "ERASE" from the Main Menu.



2. Choose the Transcend SSD you want to secure erase, and click "Quick

Erase" or "Full Erase."



NOTE: The selected device must not be the boot/lock drive!

3. Confirm whether you want to erase this SSD or not. If you confirm this action,

the secure erase will begin

€	Drive Info S.M.A.R.T. Status	Diagnostic Scan Secure Erase	Firmwai Update X Trim Dete & Enab	re e ect
Quick Erase Full Erase firmation Image: State of the state of t	remove is drive? t your c	all data on the omputer.	SSD.	FRASF
	M Quick Erase firmation Quick Erase Are you sure you want to erase the Drive:TS32GSSD25S-M Volume: E:	Drive Info S.M.A.R.T. Status Quick Erase Full Erase firmation Are you sure you want to erase this drive? Drive:TS32GSSD258-M Volume: E: Total	Drive Info Diagnostic Scan S.M.A.R.T. Secure Erase Quick Erase Full Erase firmation Image: Status Are you sure you want to erase this drive? Pour computer. Drive: TS32GSSD25S-M Volume: E: Temoye all data on the	Drive Info Diagnostic Firmwa Scan Updat S.M.A.R.T. Secure Trim Detection Quick Erase Full Erase Femove all data on the SSD. firmation Image: Sign of the secure of

4. It could take some time to execute the secure erase. The length of time depends on the capacity of your SSD.

SSD Sce	pe™		Drive Info S.M.A.R.T. Status	Diagnostic Scan Secure Erase	C2 Firmware Update ⊁8 Trim Detec & Enable	:†
TS32GSSD25S-M (E:)	Quick Erase Executing secure e Upon completion, Elapsed Time: 7 se	Full Erose rase will perma you will need to			SSD.	EKASE
OME ABOUT REFRESH					anscen memories start h	d

5. When the secure erase is complete, a success notification message box will

SSD Sco	pe™	Q S.M.A.R.T. Status	Secure Erase	Trim Det & Enat	ect ple
1532655D255-M (E:)	Quick Erase Full Erase				ASP
Success	Executing secure erase will perma	nently remove	all data on the	SSD.	ЦЧ
Success Secu	Executing secure erase will perma re Erase complete. Please close any open applications an	nently remove id click "OK" to n	all data on the	SSD.	FR

appear. Close any running applications then click "OK" to restart the PC.

NOTE: After erasing the SSD, it's necessary to restart the PC.

Firmware Update

Use this option to update your Transcend SSD to the latest firmware version.

1. Select "UPDATE" from the Main Menu.



2. Choose a Transcend SSD to update its firmware.

SSD Sce	pe™	Drive Info S.M.A.R.T. Status	Diagnostic Scan Secure Erase	Firmware Update % Trim Detect & Enable
TS32GSSD25S-M (E:)	Please select the destination	on path that will store th	e latest firm wa	
10ME ABOUT REFRESH			Ðīr	anscend

SSD Sco	™ 创覽資料夾 Current Selection	<u>?</u> ×	Scan ♦ Secure Erase	Upda >\$ Trim Det & Enat	te ect
TS32GSSD25S-M (E:)	 ○ 桌面 ● ● 我的文件 ● ● 我的文件 ● ● 本機磁碟 (C:) ● ● 新增磁碟區 (D:) ● ● 新增磁碟區 (E:) ● ● 転1,h於'tsdb'(J;) ● ● ● 「HeShare 於'mkt'(L:) ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ●	e th	e latest firm wa Browse	ire	UPDATE
HOME ABOUT REFRESH				ansce	nd art hore

3. Click "Browse" and select a destination to store the firmware.

4. Click "Download" to begin. A progress indicator showing the current

SSD Scope [™]		i Drive Info S.M.A.R.T. Status	Diagnostic Scan Secure Erase	© Firmware Update ⊁ Trim Detect & Enable
TS32GSSD25S-M (E:) Downl CADoc C	ading latest firmware. Please ments and Settings\gloria_ts ncel 72.36 %	e wait	Browse	UPDATE
HOME ABOUT REFRESH				anscend [®] memories start here

progress rate will be displayed during download.

5. The firmware file is now located in the target destination you chose in step 3.



NOTE: To prevent data loss, it is recommended that you

backup your data to another location before updating

the firmware of your Transcend SSD.

TRIM Detect & Enable (Windows7 only)

TRIM prevents future SSD performance degradation by completely removing

unwanted data automatically.

1. Select "TRIM" from the Main Menu.



2. The operating system and current TRIM status will be shown. Click "Enable"

if you want to enable TRIM in your operating system.

SSD Sco	pe™	Drive Info S.M.A.R.T. Status	Diagnostic Scan Secure Erase	Firmware Update X Trim Detect & Enable
TS32GSSD25-S (K: L: M:) TS32GSSD25S-M (G: J:)	Operating System: Windows 7 Status: TRIM is disabled on this s Enable	ystem		TRIM
home i 🕫			T	anscend

3. Conversely, click "Disable" if you want to disable TRIM in your operating

system.



FAQ

- Q: SSD Scope doesn't detect my storage device.
 - A: Your device might not be connected correctly to your PC. Try reconnecting the device to make sure it is securely connected to the appropriate port.
- Q: SSD Scope doesn't run when I double--click its icon. What's wrong?
- A: You might not have Administrator privileges on the computer you are using. To run SSD Scope in Windows 7 and Vista, click "Allow" when prompted for Administrator privileges.

Q: I can't update the firmware. I get the message "The server name or address could not be resolved."

A: You may not be connected to the Internet. Please check you have a working Internet connection in order to successfully update the firmware.

Q: What is the difference between "Quick Erase" and "Full Erase?"

A: Both of them will securely erase the data on the SSD and guarantee permanent removal of all data (unrecoverable by standard recovery techniques). But "Full Erase" uses more strict algorithms so that even using special recovery methods may not bring the data back.

More Help

If you cannot find the answer to your problem in this manual and are having

difficulty with the SSD Scope software or your Transcend solid state drive,

Please visit our Tech Support website at www.transcendusa.com/support

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