G-scvu

3.7. G-scan2 System Lock



G-scan2 Basic Functions

AA-3-7.G-scan2 System Lock

"Anti-Reverse Engineering" Lock

For the protection of GIT's proprietary right and intellectual property that are embodied to G-scan2, the product contains the "Anti-reverse Engineering" function.

Executing a particular special function repeatedly more than 20 times without resetting communication with the control unit by returning to the upper level menu, which is not supposed to take place under the normal conditions, will be considered as an attempt to reverse engineer the G-scan2.

G-scan2 shows a warning message as shown below in such a case.



Then the detailed warning message will follow in different languages as shown below.



As you scroll down, the same warning messages will be repeated in 9 different languages.

WARNING

For prevention of unauthorized attempt to reverse engineer this device, G-scan is programmed to stop its operation when a function is executed repeatedly.

You are seeing this message because your G-scan has detected that the function being executed now has been repeated exceeding the maximum allowance.

If you keep trying to run the same function without resetting the communication, G-scan will be locked and become unusable.

Please restart G-scan now.

Amaran.

Untuk mencegah percubaan yang tidak dibenarkan mengubah peralatan ini, G-Scan adalah digunakan untuk memperhentikan operasinay apabila terdapat satu fungsi yang sentiasa berfungsi. Kamu ternampak maklumat ini adalah desebabkan G-Scan mendapati fungsi tersebut bukan sahaja berfungsi, malah telah memlebihi had yang maksimum.

Oleh itu, jika kamu asyik memanipulasi fungsi yang sama tetapi tidak memasangkannya semula, G-Scan kamu akan dikunci dan tidak boleh digunakan lagi.

Sila restart G-Scan anda.

警告

为了防止未经授权而试图指挥设备工程的设置,如有不停地重复 操作,G-Scan会被自动封锁操作能力。这个信息是因为G-Scan 已经发现功能正在不断执行超过被限制次数。 如果不断地尝试去操作同一个功能而没有去重新启动,G-Scan会 被封锁而不可使用。

请重新启动 G-Scan.

ПРЕДУПРЕЖДЕНИЕ

В целях предотвращения копирования программного обеспечения производителями других сканеров, в сканере G-SCAN есть защита на случай постоянного повторения проведения одних и тех же операций на сканере большое количество раз.

Если Вы видите данное предупреждение, значит сработала функция защиты ПО сканера. Если Вы продолжите работу со сканером без его перезагрузки, то сканер будет заблокирован.

Немежленно перегрузите сканер!

لمنع محاولات عكس برمجية الجهاز غير المغولة, تم تصميم جي سكان لتوقيف كافة عملياته عند تكرار هذه المحاولات.

انت تَرى مذه الرسالةً لأننا اكتَشْفنا معاولةً برمجةً عكسية على مذا الجهاز, وقد تَجاوزت العدد المسموح به من المعاولات.

اذا كنت لآتزال تعاول نغس المعاولات بدون إعادة تشغيل الجهاز أو إعادة اتصاله فسوف يغلق الجهاز نهائيا ويصبح عديم النفع.

الرجاء إعادة تشغيل الجهاز الآن.

تُخطى جهازك من محاولة تَشْغَيل غير معتمدة رجا، غلق الجهاز وإبلاغ الوكيل وعدم تَكرار محاولة فتح الجهاز لحين إعادة برمجته.

اخطار بسيار مهم

جى-اسكن مجهز به الگوريتمي هوشمند جهت جلوگيري از سو استفاده و

مهندسی معکوس نرم افزار این دستگاه است. در صور تیکه این پیغلم را مشاهده می

كنيد، برنامه شاهد الكوبي غير عادي بوده است. ابن الكو معمولا هنگام كيي برداري

از برنامه مشاهده میشود و خارج از حیطه ای است که عیب پایی خودرو به صورت معمول اقتضا می کند.

لطفا دستگاه حيب ياب ر ا كاملاً خاموش كرده، و پس از 2 دقيقه مجددا روشن نماييد.

** توجه: در صورتي كه دستگاه را خاموش تكنيد، دستگاه شما بلافاصله قفل و براي

همیشه کاملا از کار خواهد افته، مسئولیت عواقب این امر و جبران خسارات وارده به

عهده خود شما خواهد بود و نیلی کار و جی آی تی. هیچ مسئولیتی نسبت به این موضوع نخواهند داشت.

警告

本製品に対する無断解析を防ぐために、G-scanはひとつの機 能が繰り返して実行される場合、作動を止めるようになって います。最大許容回数を超過してひとつの機能が繰り返し続 けて実行されたのが探知されましたので、この警告メッセー ジを表示します。

もし、この警告メッセージの表示後にも、G-scanを再起動し なく、繰り返してひとつの機能を実行させる場合、G-scanは ロックされ、使えなくなります。

今すぐG-scanを再起動してください。

ACHTUNG!

Ihr G-Scan hat festgestellt, dass die jetzt ausgeführte Operation maximale Anzahl an Zugriff überschritten hat. Um nicht autorisierten Zugriff des Reverse Engineerings zu verhindern ist das G-Scan so programmiert, dass mehrfach wiederholte Operation abgebrochen wird. Wenn Sie wieder versuchen dieselbe Operation auszuführen, ohne dass Kommunikation zurückzusetzen, wird Ihr G-Scan gesperrt und unbrauchbar.

Bitte starten Sie G-Scan jetzt neu.

คำเดือน เพื่อป้องกันการลอกเลียนแบบ เครื่อง G-Scan จะหยุดทำงาน ถ้าหัวข้อการใช้งานใดถูกเรียกใช้อย่างซ้ำ ๆ

ต่อเนื่องติดต่อกันอย่างผิดปกติ ถ้าท่านเห็นข้อความนี้ แสดงว่าเครื่อง G-Scan

กำลังได้รับการกระทำดังกล่าว กรุณาปิดและเปิดเครื่องใหม่ทันที

มิฉะนั้นเครื่องจะถูกล๊อกโดยอัตโนมัติและจะไม่สามารถใช้งา นได้อีก

Once prompted by this warning message, please stop using the same function with the G-scan2, turn it off immediately and then restart. The internal counter will be reset and the warning message will not appear unless the condition is fulfilled again.

Despite such warning, if it is ignored and the function is used a couple of times more, G-scan2 finally locks up and ceases to operate normal as shown below.

፼ ♦??	Special Function	20 🚹 👘
Lock	king	
Unk	G-scan G-scan Locked	
Favorite	OK	

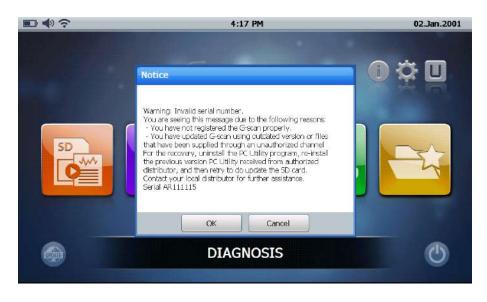
If G-scan2 is locked, it is not recoverable unless the G-scan2 base unit is returned to the authorized local distributor.

The G-scan2 needs to be examined and then unlocked by inputting the unlock code which is provided by GIT HQ in Korea. The process is not subject to warranty service. If you have purchased the Gscan2 from overseas or if you have no authorized distributor in your region, you will be required to return the base unit back to Korea, and you are requested to pay the whole round trip cost.

) ?	4:52 PM		02.	Jan.20
Input Code This G-scan is locked for Contact your distributor a Type in the Input Code b	nd provide the Dealer Code below to generate the Input Code.	КЕЧВС		U
		0	1	2
		3	4	5
Dealer Code 46C4-38F8-D556-B2A3		6	7	8
Input Code		9	A	В
		С	D	E
1		F	<-	Ente

"Invalid Serial Number" Lock

When serial number information contained in the G-scan2 main board is found not in accordance with information contained in the SD card, G-scan2 pops up the warning message as below and will not operate any more. The only option available when G-scan2 shows this message is turning off by selecting OK.



As described in the pop-up message, discordance of serial number information among the G-scan2 main board and the SD card may take place in the following events:

- G-scan2's serial number has not been registered at GIT's server properly
- G-scan2 is updated using the outdated version PC Utility
- G-scan2 is updated using the PC Utility released for the other countries (region)

When encountered by this G-scan2 lock problem for the serial number invalidity, contact your local distributor and check if the serial number has been properly registered at the GIT server.

A G-scan2 that has been registered just once will not be locked for the serial number invalidity even when the update subscription expires (Refer to the details in the Software Update part of the next Chapter). Only the new auto makers, systems and functions that have been newly added appear disabled with the padlock sign on the menu, but G-scan2 shall be normally operating with the rest of the menu.

If the G-scan2 is confirmed that it has been registered even once, the recommended remedy will be

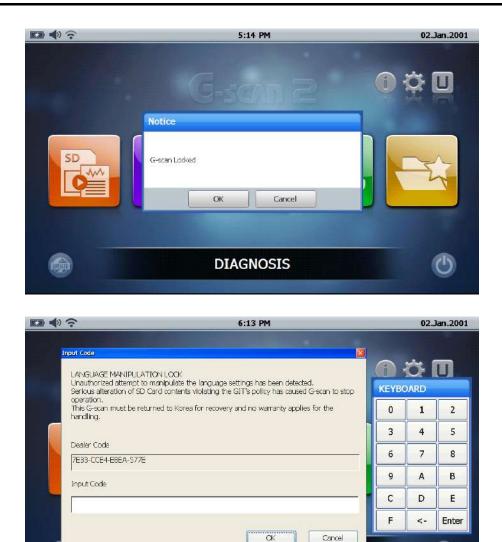
- 1) Uninstall the PC Utility that you used for the last update from the PC completely.
- 2) Get the latest version PC Utility and install the program

3) Download the latest version software from GIT server using the online update function, or, if the offline data is available, from the PC using the offline update function. Please refer to the Software Update chapter in this manual for more details.

"Language Manipulation" Lock

G-scan2 is loaded with different settings and applications for different countries. Supported languages and covered auto makers are defined differently in each regional version. This is very important for the satisfaction of local customers of different countries who demand different local languages and coverage.

Adding any language other than those supported in the original configuration by means of file copying replacing or overwriting in the SD card is not allowed, and such attempt will result in making it G-scan2 locked and non-functional.



Once a G-scan2 is locked for Language Setting Manipulation, an unlock code is required for restoring the G-scan2 and the code is not released unless the base unit is returned to the HQ in Korea for investigation. The restoration is not subject to warranty service.

(1)





Chapter 4. G-scan2 PC Utility

4.1. Installation and Removal

4.2. Main menu

4.3. Software Update Online

4.4. Software Update Offline

4.5. Data Viewer

4.6. PC Utility Configuration

4.7. Network Printer Setup

G-scvu

4.1. Installation and Removal



G-scan2 PC Utility Software

AA-4-1. Installation and Removal

G-scans PC Utility program provides Online and Offline software update, Record Data / Captured Image viewer and network printer setup functions.



PC Utility Software Installation

Find and run the PC Utility Setup file from the installation CD or the downloaded files folder of PC.

B 🔾 🚯 🖛			G-scan2			- 🗆 🗙
File Home Shace View	-					^ Q
Copy Pade (Copy path	ter Copy Delete Rename	New folder	Properties	Select all Select nome		
Chpboard	Orpánize	New .	Open	Select		
🕞 🗇 + 🕇 🌡 + Libraries + 1	Documents + G-scan2				🐱 💪 Search G-scan2	,p
Favorites	Name			Uate modified	Туре	Size
E Desktop	G-scan PC Utility V	er 2.0_Setup		4/18/2013 1/44 PM	Application	23
Downloads						
St Recent places						
KyDrive &						
Libraries						
Documents						
J Music						
Pictures						
VIDEO2						
- Homegroup						
Hoyle Kim						
M Computer						
L Windows (Cr)						
🕞 Data (D:)						
Wetwork						
	¢					

Compatible PC Operating System

- Windows XP Professional (SP3 or higher)
- Windows Vista
- Windows 7
- Windows 8

The InstallShield Wizard is initiated and prepares for the installation of the PC Utility.

The actual display of installation and program removal may appear differently according to the operating system of the PC, and please note that this manual s based on Windows 8.

G-scan PC Utility - InstallShield Wizard 🛛 – 🗖 🗙
Preparing Setup Please wait while the InstallShield Wizard prepares the setup.
G-scan PC Utility Setup is preparing the InstallShield Wizard, which will guide you through the rest of the setup process. Please wait.
InstallShield
Cancel

Select "Next>" to start the installation.



Select [I accept the terms of the license agreement] and then [Next>] to continue..

-
License Agreement Please read the following license agreement carefully.
G-scan is copyrighted 2000-2013 by GIT & EZDS Co Ltd. All SW rights are reserved. Reverse-engineering, alteration, use as a reference tool for the purpose of developing a product with similar functionality, and re-distribution in any form is totally prohibited. Disclaimer: By downloading G-scan generic SW, you acknowledge and accept that this Program is provided "with all faults, defects and errors" and that all G-scan user's use the Program "as is" and at their own risk. G-scan SW has been extensively tested, but we cannot guarantee that every update will work correctly with every system in every car, truck or vehide. GIT/EZDS will always commit to fix any bugs and to enhance the program, but we
● I accept the terms of the license agreement

Browse and select the folder to which PC Utility Software is installed, and click "Next>" to confirm. Keeping the default setting unchanged is recommended.

G-scan PC Utility - InstallShield Wizard
Choose Destination Location Select folder where setup will install files.
Setup will install G-scan PC Utility in the following folder.
To install to this folder, click Next. To install to a different folder, click Browse and select another folder.
Destination Folder
C/V Browse
InstallShield
< Back Next > Cancel

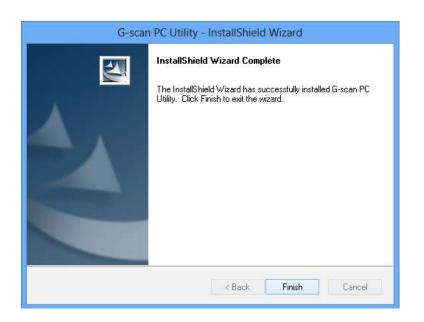
▲ Caution

The recorded data and the images that have been saved to the PC using the older version PC Utility will need to be moved to the new path where the new PC Utility is installed in order to load them using the new PC Utility.

Installation begins when selecting [Install]

G-scan PC Utility - InstallShield Wizard
Ready to Install the Program The wizard is ready to begin installation.
Click Install to begin the installation. If you want to review or change any of your installation settings, click Back. Click Cancel to exit the wizard.
InstallShield
G-scan PC Utility - InstallShield Wizard
Setup Status
The InstallShield Wizard is installing G-scan PC Utility
Installing Installing
InstalShield
Cancel

Click "Finish" to complete PC Utility Software installation.

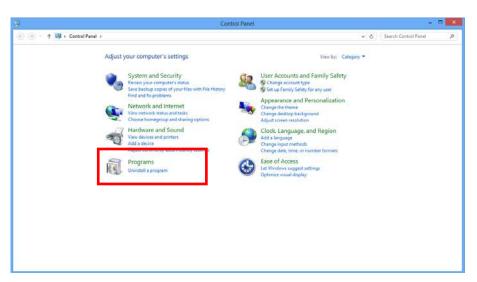


Check if the PC Utility Software icon is created on the desktop.



PC Utility Software Removal

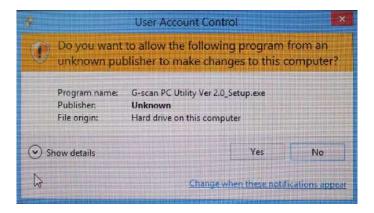
Click "Program Add/Remove" from the Control Panel to remove PC Utility Software from the PC.



The programs installed on the PC are listed, then select "G-scan PC Utility" and click "Remove" button to uninstall the program, or double click the program name.

	Programs and Features						-
🖻 💿 - 🕈 🛅 + Control	Panel + Programs + Programs and Features			× 6	Search Programs	and Features	P
Control Panel Home	Uninstall or change a program						
View installed updates	To uninstall a program, select it from the list and then click U	install. Change, or Repair.					
Turn Windows features on or							
off	Organize -					10. •	1
	Name	Publisher	Installed On	Size	Version		
	AhnLab Online Security	AhnLab. Inc	4/15/2013				
	ArcSoft WebCam 4 for LGE	ArcSoft	1/23/2013	270 MB	4.0.49.485		
	Canon MF4500w Series	CANON INC.	3/8/2013		3.9.0.0		
	Chrome	Google Inc.	3/13/2013		26.0.1410.64		
	■ Daum ActiveX 컨트롤 - Daum 레알 파일업로덕	Daum Communications Corp.	3/28/2013				
	🔂 Daum 라이프 에이전트	Daum Communications Corp.	3/16/2013				
	Baum 뒷플레이어	Daum Communications Corp.	3/16/2013				
	E DHTML Editing Component	Microsoft Corporation	3/14/2013	554 KB	6.02.0001		
	EasyGuide	LG Electronics Inc.	1/23/2013				
	C-scan PC Utility	GIT	4/25/2013		13.04.1802		
	minusare senter /.c (senter vilv)		4/15/2015				
	Intel(R) PROSet/Wireless for Bluetooth(R) + High Speed	Intel Corporation	1/22/2013		15.5.5.0480		
	Intel(R) PROSet/Wireless Software for Bluetooth(R) Technolo	Intel Corporation	1/22/2013	90.1 MB	2.6.1211.0294		
	Mintel(R) Rapid Start Technology	Intel Corporation	1/23/2013		2.1.0.1002		
	Intel(R) Smart Connect Technology 3.0 x64	Intel	1/22/2013		3.0.42.1767		
	Fintel(R) With	Intel Corporation	1/22/2013		3.5.40.0		
	M Intel® HD Graphics Driver	Intel Corporation	1/23/2013	74.2 MB	9.17.10.2932		
	Mintel® Management Engine Components	Intel Corporation	1/23/2013	20.4 MB	8.1.0.1252		
	Intel® PROSet/Wreless WiFi Software	Intel Corporation	1/22/2013	165 MB	15.05.7000.1709		
		Intel Corporation	1/23/2013	18.4 MB	11.6.0.1030		
	Currently installed programs Total size 4.40.68 75 programs installed						

Click "Yes(Y)" to confirm PC Utility Software removal at the pop-up query as shown in Fig.11.



[Fig.11]

Progress bar of uninstall process follows the confirmation.

6	Programs and Features						- 11
🛞 💿 = 🕈 🕅 + Control F	Panel + Programs + Programs and Features			× 6	Search Programs	and Features	p
Control Panel Home View installed updates Turn Windows features on or	Uninstall or change a program To uninstall a program, select it from the list	and then click Uninstall, Change, or Repair.					
off	Organize - Uninstall Change					10 -	
	Name	Publisher	Installed On	Size	Version		
	AhnLab Online Security	AhnLab, Inc	4/15/2013				1.0
	G ArcSoft WebCam 4 for LGE	ArcSoft	1/23/2013	270 MB	4.0.49.485		
	Canon MF4500w Series	G-scan PC Utility -	InstallShield Wizard	×	0.0		
	© Chrome ■ Daum ActiveX 전트를 - Daum 레일 파일업로 ■ Daum 라이프 에이전프 ■ Daum 파플레이어	Preparing Setup Please wait while the InstallShield Wizard prepare	ares the setup.	1	0.1410.64		1
	DHTML Editing Component EasyGuide CTDWare PS/2-X64 11.9.5.4_WHQL	G-scan PC Utility Setup is preparing the InstalS rest of the setup process. Please wait.	9.5.4				
	G-scan PC Utility				04.1802		
	Instally Post Shife 2 - 72 (Shifer Vi.0) Instally Post-Vivinces of Callwardshife) + H Instally Post-Vivinces Software for Elucido Instally Post-Start Technology Instally Ray Sant Technology Instally Ray Constant Constant Februards Install Wildh Install Instally Ray				5.5.0480 .1211.0294 0.1002 .42.1767 .40.0 7.10.2932 0.1252		
	Intel® PROSet/Wreless WiFi Software				05.7000.1709		
	GIT Product version: 13.04.1802 Help link: http://www.	pares		Cancel	5.0.1050		

Select [Yes] at the additional queries if necessary.

8		Programs and Features				- 0	1
🐑 💿 - 🕈 🙇 + Control	Panel + Programs + Programs and Features			× 6	Search Programs	and Features	p
Control Panel Home	Uninstall or change a program						
View installed updates	To uninstall a program, select it from the list ar	d then click Uninstall, Change, or Repair.					
Turn Windows features on or							
off	Organice -					10. •	
	Name	Publisher	Installed On	Size	Version		~
	AhnLab Online Security	AhnLab, Inc	4/15/2013				1
	ArcSoft WebCam 4 for LGE	ArcSoft	1/23/2013	270 MB	4.0,49,405		
	Canon MF4500w Series	CANON INC.	3/8/2013		3.9.0.0		
	Chrome ■ Daum ActiveX 컨트롤 - Daum 메일 파일업로덕	Google Inc.	3/13/2013 3/28/2013		26.0.1410.64		
	Daum Rotives 인수를 · Daum 데를 파울급보다	Deum Communications Corp. Daum Communications Corp.	3/26/2013				
	Boum 단물레이어	Daum Communications Corp. Daum Communications Corp.	3/16/2013				
	DHTML Editing Component	Microsoft Corporation	3/14/2013	554.670	6.02.0001		
	EasyGuide	LG Electronics Inc.	1/23/2013	234 6.0	0.05.0001		
	TDWare PS/2-X64 11.9.5.4_WHQL	FLANCER, AND DE	102.0512		41.9.5.4		
	G-scan PC Utility	G-scan PC Utility - Insta	IlShield Wizard		3.04.1802		
	INISafe SFilter 7.2 (SFilter v1.0)						
	Intel(R) PROSet/Wireless for Bluetooth(R) + Hig	Do you want to completely remove the selected	andication and all o	De fasture?	5.5.5.0480		
	Intel(R) PROSet/Wireless Software for Bluetoot		appression and an e		6.1211.0294		
	🕍 Intel(R) Rapid Start Technology				1.0.1002		
	Intel(R) Smart Connect Technology 3.0 x64		Yes	No	0.42.1767		
	E Intel(R) WiDi				5,40.0		
	M Intel® HD Graphics Driver		Telever		17.10.2992		
	Mintel® Management Engine Components	Intel Corporation	1/23/2013	20.4 MB	8.1.0.1252		
	Intel® PROSet/Wreless WiFi Software	Intel Corporation	1/22/2013 1/23/2013	165 MB	15.05.7000.1709 11.6.0.1030		~
	Currently installed programs Total	and the second sec	resteurs	Id.4 MID	111000-1030		
	75 programs installed	100 - HAV 00					
	IN 20						

Click "Finish" to finalize the PC Utility Software removing process as shown in Fig. 13.

6	Programs and Features			- 0		
🛞 💿 - 🕈 🖾 + Control	Panel + Programs + Programs and Features			× 6	Search Programs and Feature	, p
Control Panel Home View installed updates	Uninstall or change a program To uninstall a program, select it from the list and the	n click Uninstall, Change, or F	Repair.			
off	Organize -				1日 •	
	Neme	Publisher	Installed On	Size	Version	*
	AhnLab Online Security ArcSoft WebCam 4 for LGE Canon MF4500w Series	AhnLab, Inc ArcSoft CANON INC.	4/15/2013 1/23/2013 3/8/2013	270 MB	4.0.49.405	1
	Chrome	G-scan PC	Utility - InstallShield Wizard		0.1410.64	- 11
	Down ActiveX 전프를 - Down 적별 파일업로 Down 주인 = 00(0 원도 Down 주인 = 00(0 원도 Down 주인 = 00(0 원도 Dorl TML Editing Component Dorl TML Editing Dorl TML Dorl TML D	2	install Cooplete JadShied Woord has Institut uninstaling G		2.0001 9.5.4 9.4.1602 5.5.0480 1.72110254 3.1002 44,1787 44,1787 40,1787 40,1787 41,1787 40,1787 40,1787 40,1797 40,1797 41,1787 41,1877 41,1787 41,17	
	Currently installed programs T 75 programs installed		(Bach Finish	Canal		

[Fig.13]



4.2. Main Menu



G-scan2 PC Utility Software

AA-4-2. Main Menu

G-scan and G-scan2 shares the same PC Utility. Run the "G-scan PC Utility" by a double click on the shortcut icon on the PC desktop, then the program is loaded and the main menu appears.



This 3-button main menu is typically for G-scan. And the main menu is changed to the 4-button structure with the additional [Network Printer Setup] button as shown below, when the G-scan2 serial number is inputted in the configuration menu or while updating.



lcon	Description
Manual	Loads on-screen user manual for reference
Configuration	Various user settings including G-scan2 serial number, alarm and user information can be configured
• Serial Number:	Serial number of G-scan2 is indicated as saved in the configuration menu
• Update Expiry :	Expiry date of update subscription
Software Update (Online)	Selects and downloads the G-scan2 software for the vehicle brands from the server to the PC through the internet and then updates the diagnostic database in the G-scan2 SD card.
Software Update (Offline)	Updates the diagnostic database in the G-scans SD card using the update software that have been installed to the PC with the PC utility.
Data Viewer	Reviews the screen capture images, recorded data and scope data saved in the SD card or the PC hard disk.
Network Printer Setup (G-scan2 only)	Sets up the G-scan2 direct network printing configuration using the printer installed to the PC.
Close (X)	Quits PC Utility Program

4.3. Software Update (Online)



G-scan2 PC Utility Software

AA-4-3. Online Update

Preparation

G-scan

Downloads the G-scan2 software from the GIT's download server to the PC through the internet, and then the downloaded software is transferred to the SD Card.

Before commencing, please make sure to prepare for downloading software by inserting the G-scan2 SD Card to the PC.

- 1. Turn G-scan2 power OFF and remove the SD Card from the base unit
- 2. Insert the SD Card to the provided Card Reader
- 3. Insert the Card Reader to a USB slot of the PC

Use of the provided SD Card is always recommended, and the use of third party SD Card Reader or direct insertion to the PC's SD Card slot may cause the corruption of the downloaded files.



🛕 Caution

Make sure to move the SD Card Write Protection Tab to the UNLOCK position before inserting to the PC.

PC Utility may not function properly if the write protection tab is at the LOCK position



Software Update (Online)

When the SD card is properly inserted to the PC's USB port using the SD Card Reader, please select [Software Update (Online)] button to continue.



Select the disk drive that the USB port with the SD card is assigned. An SD card is recognized as a removable disk drive by the PC's Windows system when it is inserted to the PC USB port. Check the drive assigned to the SD Card using the windows explorer or My Computer.



Type in the serial number of the G-scan2, then PC-Utility communicates with the download server and checks the subscription validity and regional version of the serial number, and lists the vehicle brands that can be downloaded.



Update History			Until 25.10.20	13 Request for Exter
Maker		SD Card Version	Update Version	Size(MB)
🖉 MainProgram1	(NEW)	12.10.01.01	12.10.22.01	17.4
audi		12.10.01.01		7.7
BENZ		12.10.01.01	ing the second s	14.7
BMW		12.10.01.01		18.4
CHEVROLET	NEW	12.10.01.01	(n) Comment	38.7
CHRYSLER	NEW	12.10.01.01	Terteren T	6.6
DAIHATSU		12.10.01.01	10.10000.01 (V)	2.7
Ø DEMO		No Data	1210220	0.9
FORDAU		12.10.01.01	Internetion 💎	31.5

The Smart Update program is "region sensitive". If the provided serial number is found violating GIT's regional market protection policy, no manufacturer will be listed as shown below, therefore unable to download any update software

Update History		ANR 24, 14, 21	Request for Exter
Maker	SD Card Version	Update Version	Size(MB)

If the inputted serial number is found not registered, invalid or incorrect, the GIT download server will respond with the error message as shown below.



Vehicle Brand Selection

[New] mark

Download server checks the availability of new updates by comparing the software versions contained in the SD card with the latest versions of the server, then puts the [NEW] sign at the end of each vehicle brand if any new update is available for downloading.

If the SD card's software is the latest one, there will be no [NEW] marks and the update version number will be indicated in blue. If the SD card's software needs updates, then the brand will be [NEW] marked and the version numbers are indicated in red.

Update History			2015 Request for Exten
Maker	SD Card Version	Update Version	Size(MB)
MainProgram1	13.04.01.01	13.04.01.01	81.2
AUDI/SEAT/SKODA/V OLKSWAGEN	13.04.01.01	13.04.01.01	13.9
MERCEDES BENZ	13.04.01.01	13.04.01.01	29.0
BMW/MINI	13.04.01.01	13.04.01.01	31.6
CHERY	13.04.01.01	13.04.01.01	3.2
CHEVROLET/GMDAEW	13.04.01.01	13.04.01.01	44.8
CHRYSLER/DODGE/JE	13.01.01.01	18010101 (7)	7.7
DAIHATSU	13.01.01.01	1204.01.01	4.7
DEMO	13.01.01.01	10.0441.01	2.5

Manufacturer Select / Deselect

PC Utility checks the brands that need updates automatically. Add or remove the manufacturer among the list by ticking on the check boxes. You can select the manufacturers that you want to update and, at the same time, you can exclude the manufacturers that you don't want to update.

Select All / Deselect All

Tick on the check box in the table header, and it will select or deselect all the brands at a time.

Old version restoration

If the server contains the older versions, you can select and download the older version for each manufacturer according to your preference.

Update Files Download

When the vehicle brands and the version numbers are all selected, select the [Update] button to start the downloading procedure. PC Utility downloads the files from the server through the internet, decompresses the downloaded files on the PC, then replaces the files of the SD Card with the downloaded files by copying and verifying.



	Update History				Reparst for Estens
¥	Maker		SD Card Version	Update Version	Size(MB)
1	MainProgram1	Opdategy	m(ine)		81.2
5	AUDI/SEAT/SKODA/V OLKSWAGEN	1	lak of the		13.9
1	MERCEDES BENZ		Deloting		29.0
	BMW/MINI		2/6		31.6
	CHERY		26		3.2
IJ	CHEVROLET/GMDAEV	1	Cancel		44.8
4	CHRYSLER/DODGE/J				7.7
~	DAIHATSU		13.01.01.01	in the second	4.7
~	DEMO	000	13.01.01.01	Constitute (20)	2.5

	Opdate History				Resparat for Externa
ł	Maker		SD Card Version	Update Version	Size(MB)
1	MainProgram1	Opdatego	ndime)		81.2
1	AUDI/SEAT/SKODA/V OLKSWAGEN		227.00 - 245.0		13.9
1	MERCEDES BENZ		Verifying Copie	d Files	29.0
	BMW/MINI		1/6		31.6
	CHERY		76		3.2
J	CHEVROLET/GMDAEW	1	Cancel		44.8
~	CHRYSLER/DODGE/JE				7.7
~	DAIHATSU		13.01.01.01	SHITTER 7	4.7
-	DEMO	000	13.01.01.01	Constitution (197	2.5

	Update History				Reparat for Extens
¥	Maker		SD Card Version	Update Version	Size(MB)
	MainProgram1	Opdategy	terfiner)		81.2
	AUDI/SEAT/SKODA/V OLKSWAGEN	1			13.9
	MERCEDES BENZ				29.0
	BMW/MINI		Complete		31.6
	CHERY	1	Lompero		3.2
J	CHEVROLET/GMDAEV	1	(Cose)		44.8
~	CHRYSLER/DODGE/JI	L			7.7
~	DAIHATSU	-	13.01.01.01	in the second	4.7
~	DEMO	003	13.01.01.01	Distantility (2)	2.5

Update History			Request for Extens
Maker	SD Card Version	Update Version	Size(MB)
MainProgram1	13.04.01.01	13.04.01.01	81.2
AUDI/SEAT/SKODA/V OLKSWAGEN	13.04.01.01	13.04.01.01	13.9
MERCEDES BENZ	13.04.01.01	13:04:01:01	29.0
BMW/MINI	13.04.01.01	13.94.01.01	31.6
CHERY	13.04.01.01	13:04:01:01	3.2
CHEVROLET/GMDAEW	13.04.01.01	13.04.01.01	44.8
CHRYSLER/DODGE/JE EP	13.04.01.01	13.04:01.01	7.7
DAIHATSU	13.04.01.01	13.04.01.01	4.7
DEMO	13.04.01.01	13.04.01.01	2.5

Removing a brand from the Menu

Unnecessary or unwanted vehicle brands can be completely removed from the G-scan2 menu.

Select "Uninstall" from the version number selection drop down menu of the brand to be removed, then select [Update] button then the software contained in the SD Card is removed and the vehicle brand does not appear in the G-scan2 manufacturer selection menu.

The removed brand will be restored when downloading any version software from the server again.

Update History			Request for Ext	tension
Maker	SD Card Version	Update Version	Size(MB)	
MainProgram1	13.04.01.01	13.04.01.01	81.2	
AUDI/SEAT/SKODA/V OLKSWAGEN	13.04.01.01	13.04.01.01	13.9	
MERCEDES BENZ	13.04.01.01	13.04.01.01	29.0	
BMW/MINI	13.04.01.01	13:04:01:01	31.6	
CHERY	13.04.01.01	13:04:01:01	3.2	
CHEVROLET/GMDAEW	13.04.01.01	13.04.01.01 13.01.01.01	44.8	
CHRYSLER/DODGE/JE EP	13.04.01.01	1594.01.01	7.7	
DAIHATSU	13.04.01.01	13.04.01.01	4.7	13.04.01.01
DEMO	13.04.01.01	13.04.01.01	2.5	13.04.01.01

Update History			Request for Exte
Maker	SD Card Version	Update Version	Size(MB)
MainProgram1	13.04.01.01	13.04.01.01	81.2
AUDI/SEAT/SKODA/V OLKSWAGEN	13.04.01.01	13.94.01.01	13.9
MERCEDES BENZ	13.04.01.01	13.04.01.01	29.0
BMW/MINI	13.04.01.01	13.04.01.01	31.6
CHERY 📖	No Data	12:09:01:01	3.2
CHEVROLET/GMDAEW	13.04.01.01	13.04.01.01	44.8
CHRYSLER/DODGE/JE EP	13.04.01.01	13.04.01.01	7.7
DAIHATSU	13.04.01.01	13.04.01.01	4.7
DEMO	13.04.01.01	13.04.01.01	2.5

History

Select the [Update History] button in the upper left corner to view the details of the latest update.



Request for Extension

In case the update subscription has been expired or approaching the expiry date, send a request for update extension by clicking on the "Request for Extension" button. When the button is selected, a window pops up and the customer is required to input the contact details as shown above. When the request is submitted, the GIT server automatically relays the provided contact Information to the authorized local distributor in the customer's region

Update History	For update subscription and support, please contact your local	14 Request for Extense
Maker	distributor.	Size(MB)
HONDA/ACURA	Name	36.5
HYUNDAI/KIA	Contact	70.8
HYUNDAI/KIA TRUCKBUS	Email Address	8.5
IKCO/SAIPA	Workshop	33.9
ISUZU		15.0
	Address	1.6
MAHINDRA	Please fill in the blanks if you want to send the request for update	3.1
MAZDA	subscription extension to the local distributor	33.3
MITSUBISHI/PROT	Request for Extension Close	81.7

4.4. Software Update (Offline)



G-scan2 PC Utility Software

AA-4-4. Software Update Offline

Preparation

G-scvu

Offline update that provides the update files contained in a DVD, a memory stick or any kind of storage device is also supported because customers and distributors in many countries are unable to use or have difficulty in utilizing the online update features that require broadband internet connection for fast data transfer.

The update software package is primarily provided contained in a DVD or as a downloadable installation program every 3 months, which is redistributed to the individual customers through the local distributor. Please contact your local distributor and inquire the availability of the update DVD if you want to update your G-scan2 using the Off-line update features.

The difference between Online and Offline update is the media through which update files are transmitted to the user's PC.

- Online update downloads the files from GIT server to the PC through the internet
- Offline update installs the database to the PC from the DVD (or a storage device of any kind)

When the files are transferred to the PC, then they should be moved from the PC to the SD card to run on the G-scan2, and this procedure works basically the same for both online and offline update functions

Before commencing, please make sure to prepare for downloading software by inserting the G-scan2 SD Card to the PC.

- 1. Turn G-scan power OFF and remove the SD Card from the base unit
- 2. Insert the SD Card to the provided Card Reader
- 3. Insert the Card Reader to a USB slot of the PC

Use of the provided SD Card is always recommended, and the use of third party SD Card Reader or direct insertion to the PC's SD Card slot may cause the corruption of the downloaded files.

Software Update (Offline)

When the SD card is properly inserted to the PC's USB port using the SD Card Reader, please select [Software Update (Offline)] button to continue.



The rest of the procedure works the same as for the Online update.



4.5. Data Viewer



G-scan2 PC Utility Software

AA-4-5. Data Viewer

Data Viewer Function

Screen captures and recorded data parameters saved in the SD Card memory while using G-scan2's diagnostic functions can be reloaded to the PC for review, copy to the PC or delete, and processed for file format conversion.

Insert the SD card to the PC's USB port using the SD Card Reader, then select the [Data Viewer] button from the PC Utility main menu.



\land Caution

The recorded data and the images that have been saved to the PC using the older version PC Utility will need to be moved to the new path where the new PC Utility is installed in order to load them using the new PC Utility.

File copy to PC and deletion

The recorded files saved in the SD card are listed on the left side of the screen, and the files contained in the PC are listed on the right side of the screen (appear as blank) as shown below.

SD Card	£	• PC	Ĺ
DEM0_Test Car_Passenger Car_TCCS(Engine AT)_20130424_041751.62R			7
ScreenCapture_20130423_190017.png	*		1
ScreenCapture_20130423_205501.png			
ScreenCapture_20130423_205506.png		>>	
ScreenCapture_20130423_205511.png			
ScreenCapture_20130424_003020.png	₹		1
ScreenCapture_20130424_003033.png	T		2
Delete		Open Close	_

Recorded Data files in the SD card can be copied to the PC.

Select the file on the SD card file list (right half of the screen) and select button. Recorded Data files contained in the PC or the SD card can be removed when is selected.

button

Delete

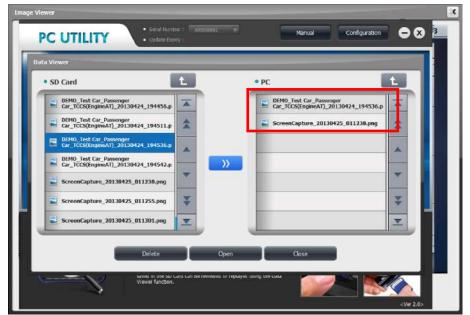
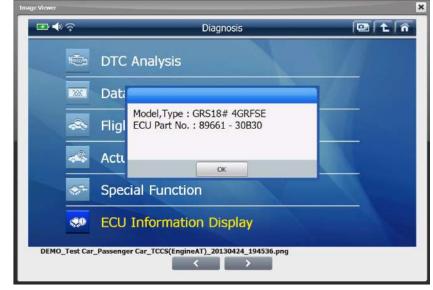


Image Viewer

Saved image files can be loaded and reviewed by opening the file.



Select or button to navigate the image files in the folder back and forth.

★ TCCS(Engine/AT)	System Search em(1/5)	DTC	
★ TCCS(Engine/AT)	em(1/5)	DIC	
		21	×
ABS/VSC/ARS		0	*
SRS Airbag		0	-
★Immobiliser		2	
Combination meter		0	
			•
			¥
Start 🖌	r List	Restar	5
DEMO_Test Car_Passenger Car_System Se	earch_20010112_225345.png		

Data Viewer

Text and Graph Modes

Select and open the recorded data from the menu, then the GSR File Viewer program runs to show the text based data parameters as shown below.

Display mode is converted to a graphical mode when the Graph + button is selected.

🕄 🔽 🕞 🕞 😳 🚍 🔛 Graph 💠 🔙 He	set Min Max. 🕑 Go to Trig	T File Info	🗒 Items List
Check Engine Lamp	ON		
F/B Execution Status B1	*******		
Engine Load Value	10.6	%	
Engine Coolant Temperature	58	'C	
Air Fuel Ratio F/B Value B1	-37.5	%	
Air Fuel Ratio F/B Learning B1	32.8	%	
Engine RPM	8257	rpm	
Vehicle Speed	22	Km/h	
] Ignition Timing (#1)	47.0	•	~
Intake Air Temperature	21	'C	
Intake Air Quantity	11.88	gm/s	
Throttle No.1 Sensor Opening	52.5	%	
02 Sensor Voltage B1S2	0.875	۷	
Time After An Engine Start	1815	S	
A/F Target Air Fuel Ratio B1S1	1.848		
AF Sensor Voltage B1S1	5.580	۷	
Purge VSV Duty Ratio	9.4	%	
IG Frequency After DG Eliminating	143	Times	
Driving Distance After DG Eliminating	3078	Km	
Supplemental Device Battery Voltage	37.92	۷	
Target Air Fuel Ratio	0.268		

In order to select particular data parameters among the data list and view them in graphic mode, mark the check box in the head of each line as illustrated below. The selected parameters are moved to the top of the screen and vice versa.



The selected parameters come up in graphs when the display mode is changed to the graphical mode. Note that up to 8 parameters at a time can be displayed in the graphical mode.

DEMO_Test Car_Passenger Car_TCCS(Engine	
Cursor Time	
	Max OFF
OFE_ [Max: 2 Bear Sensor

2 Fear Sensor	Min:
100.0 / Engine Load Value	Max. 98.4%
$\Lambda M \times \Lambda M \Lambda$	10.6%
	Min: 2.0%
	Max: 187C 58'C
	A Min: 38C
Sig 2 Ar Fuel Fielto F/B Value B1	Marc 96.9%
Moon in the second s	Min: -93.8%
992	Max: 96.9%
	32.8%
-tód p	
19h0 V Engine RPM	Max: 15921rpm 8257rpm
1399 A A A A A A A A A A A A A A A A A A	Mana Alana Min: 80m
725 V Vehicle Speed	Max 242Km/h 22Km/h
	Min: 5Km/h

Adding, removing or replacing the parameter is possible in the graphical display mode by selecting the the screen.

	GSRFIleViewer	
	DEMOLTest Car_Passenger Car_TCCS(Engine □ 5.0sec/Div. ③ Re¢ord Start:00.00.00 → ↔ Cursor Time: 00:00	0:25 () Record End :00:00:35
	🔚 💽 Text 💠 🖪 Reset Min Max 🕒 Go to Trig	🗓 File Info 📃 🔲 Data
CH 2 Fear Senser 1000 0.0 992 1000 992 1000 992 1000 992 1000 992 1000	Check Engine Lonp F/B Execution Status B1 Fingine Load Value Air Fuel Rotio F/B Value B1 Engine RPI4	 Check Engine Lam; F/B Execution Statu Engine Load Value Air Fuel Ratio F/B V Engine RIPM Vehicle Speed Engine Coolant Terr Air Fuel Ratio F/B L Ignition Timing [#1] Intake Air Temperati Intake Air Temperati Intake Air Guantity Throttle No.1 Senso O Sensor Voltage Purge VSV Duty Rat IG Frequency Aiter I Driving Distance Air Supplemental Devit Throttle Position [EC Throttle Position [EC

The parameters that are currently shown in graphs are indicated with the star (*) mark in the head of the name. Click on a parameter name with the star mark will exclude the parameter from the list, and the number of graphs that appear on the screen is decreased as much, and vice versa.

	GSRFileViewer		- 0
Open Print CSV Exit			
Data Review	DEMO_Test Car_Passenger Car_TCCS(Engine D5.0sec/Dix, @ Record Start:00.0000 Cursor Time: 0	10:00:25 () Record	End :00:00:35
	🕒 😑 🔳 Text 💠 🗈 Reset Min. Max 🕘 Go to Trig	E File Info	🔟 Data
1940 399 10000 000 1276 1276 000	Engine RPM Throttle No. I Sansor Operang Inflake Ar Quantity 02 Sonacr Voltage B1S2	 Intake O2 Se Check F/8 Englan Englan Englan Englan Air Fui Vehid Intake Time A A/F Sa A/F Sa A/F Sa Suppli Target Throtti Throtti Accele 	e RPM le No.1 Senso Air Quantity msor Voltage coution Statu e Load Value e Coolant Terr el Ratio F/B L e Speed n Timing (#1) Air Temperat Mer An Engin rget Air Fuel F nsor Voltage VSV Duty Rat quency After 1 g Distance Aft g Distance Aft le Position (Et le Position (Et)
<u> </u>			

<u>Cursors</u>

Cursors are available in graphical display mode only.

Cursor in this function refers to the parameter reading on a particular moment on the time(x) axis of the graphs.

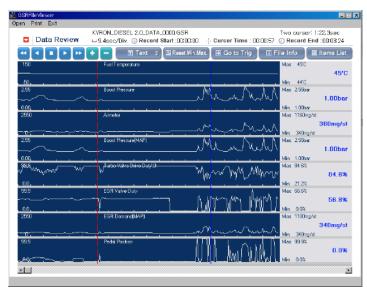
🛗 GSRI	FileViewer					_ 🗆 🗙
Open	Print Exit					
	Data Review	KYRON_DIESEL 2.0_DATA 		· Cursor Time : 00:	:02:09 (/) Record En	d:00:03:24
•		🕂 🗖 🔳 Text 💠	🗈 Reset Min.Max.	🕒 Go to Trig	🗄 File Info 🛛 🗉	Items List
150)	Fuel Temperature			Max: 45°C	
50					Min: 44'C	44'C
2.55		Boost Pressure	Mr	m. M.J	Max: 2.55bar	1.03bar
. 0.00	ι				, Min: 1.00bar	1.00004
255	0	Airmeter	l .		Max: 1400mg/s	
<u> </u>		<u> </u>	v.v.		Min: 340mg/sl	470mg/st
2.55		Boost Pressure(MAP)	M	mm	Max: 2.55bar	1.03bar
0.00					Min: 1.00bar	
/ 99. 9		Turbo Valve Drive Duty',0	$M_{W} \sim M$	m Mh	Max: 84.6%	71.7%
0.0		EGR Valve Duty			Min: 21.2%	
			M IMM	my My	Max: 93.6%	0.0%
0.0		EGR Demand(MAP)	<u>, ran i ni</u>	<u> /1 1.1V</u>	Min: 0.0% Max: 1100mg/s	÷
- 0			m		Min: 340mg/s	460mg/st
816		Engine Speed	· · · · ·		Min: 340mg/si Max: 3872rpm	
			sm-	~~~~~	Min: 736rpm	1184rpm
•					inite roopin	Þ

Pressing the left mouse button after placing the mouse pointer on any particular coordinate on the graphs turns the Cursor A on, which appears are a dotted vertical red line.

Time elapsed until the Cursor A point is indicated in the top of the screen as "Cursor Time: 00:02:09" Also the data readings of each parameter at the Cursor A point are displayed on the right side of the screen as shown above.

The Cursor B appears as the dotted blue vertical line when the right mouse button is pressed, and disappears when the button pressed again as shown in Fig. 13.

The time difference between the cursors is indicated in the top of the screen - "Two cursor: 1:22.3sec".



The readings of each parameter at the moment cursor A is pointing are displayed on the right side of screen in blue bold letters.

Max and Min values are indicating:

With cursor A only: The lowest and the highest points that appear on the current screen.

With cursor A and B: The minimum and the maximum values between the Cursor A and Cursor B points.

* Selecting the Reset Min.Mex button resets the min/Max values to the reading of the first frame.

Go to Trigger

A trigger refers to the particular moment when the user pressed the Trigger button while recording data parameters, and selecting Go to Trig button instantly moves the cursor to the triggered point.

Data Revie	9.4sec/Div. () Reco	rd Start :00:00:00 -:- Cursor Time :	00/03/13 () Record End :00/03/24
	🕨 🔸 💳 🕥 Text	🗧 🖪 Reset Min Mex 🕒 Go to Trig	🔲 File Info 📲 Items Lis
150	Fuel Temperature		Max 450
-50.			44'
255	Boost Presture	ha ka ka k	Max 255bar
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~		Mannah	1.01ba
0.00			Min 1.00bar
5990	Armeter		Max 1400mg/al
		man in Marks	A 340mg/s
255	Boost Pressure(MAP)		Min: 330mg/st Max: 2,55bar
200	poost mesture(rear)	Mr. in Martin	1.01be
0.00			Mrs. 1.00bar
99.9	Tubo Valve Dive Duly/		Max 84.6%
www.		Mar Marian	WW W 85.09
00, , , ,			Min. 21.2%
99.9	EGR Valve Duty	a men in through	Max 93.6%
00.	1		Mrs 0.05
2550	EGR Demand(MAP)		Max 1100mg/st
			350mg/s
A REAL PROPERTY AND INCOME.	*	have have	Min: 340mg/st
93.9	Pedal Polition	MINI A MARK	Max 39.3%
			Hrs 0.05

In the text display mode, the parameters and data reading of the frame (page) at the trigger point will be displayed.

#### File Info

A window with the details of the Recorded Data file pops-up when the **EFIE** Info is selected. The location of the file in the SD card, file size, data run time as well as the tested vehicle information such as car make, model name and engine type are provided.

	🔄 🗖 🔳 🗉 Text	🗘 🖾 Reset Min.Max	🔲 Go to Trig	i File Info	🔳 Items List
	Check Engine Lemp			Max OFF	O
λ.	F/B Execution Status	B1		Max 2 Rea	r Sensor
2 Rear Sensor		GSRFileViewer		× •••••	
	E:\Gs2_Record	WVCJWDEMO_Test Car_Pa	ssenger Car_TCC5(Eng	uc. 96.19	51.0%
SMV WY	AT)_20130424 264 KBytes	_041751.G2R		ac 1870 n: -380	106'0
22 V W				박연 · · · · · · · · · · · · · · · · · · ·	24.29
992 	A A Huch Hatto H78 Les	ming B1		Max: 96.97	57.8%
1960/ V 399	Engine RPM			Max: 15921 Min: 80p	^{фт} 4231 <b>грл</b>
2	Vehicle Speed	- the state of the	-1	Max 242	

# G-scan

# 4.6. PC Utility Configuration



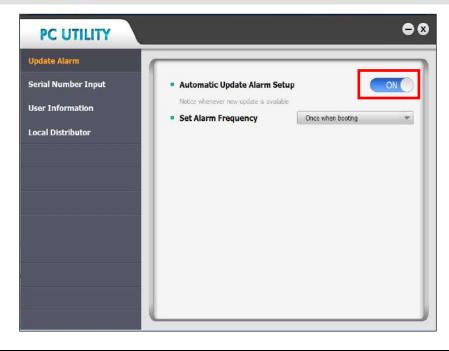
# **G-scan2 PC Utility Software**

AA-4-6. PC Utility Configuration

In the configuration menu, software update alarm setting and user information (serial number) saving is supported. Run G-scan2 PC Utility Program and click "Configuration"..



#### Update Alarm



Update Alarm is a function that the PC logs on to the GIT download server automatically to check the availability of new updates, and then informs the user if it finds any update downloadable. Automatic Update Alarm can be toggled On or Off in the menu as shown above.

If Automatic Update Alarm is turned "ON" then make a further selection on the interval defining how often the PC should check the server from the drop-down menu as shown below: "Once when booting", "1 day", "7 days" and "15 days"

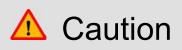
PC UTILITY		• 8
Update Alarm		)
Serial Number Input	Automatic Update Alarm Se	
User Information	Notice whenever new update is available	
	Set Alarm Frequency	Once when booting
Local Distributor		Once when booting 1 day 7 days 15 days

#### Serial Number Input

Type in the serial number of the G-scan2 and select the [Register button, then the serial number can be selected from list when downloading the updates. You do not have to check and type in the serial number each time.

Update Alarm         Serial Number Input         User Information         Local Distributor         AS524672         Register         AS524672         Delete	PC UTILITY			⊜⊗
User Information Local Distributor	Update Alarm			
Local Distributor	Serial Number Input	💥 Input your G-Scan seria	I number correctly for sof	ftware update
	User Information	Serial Number	AS624672	Register
	Local Distributor	AS624672		Delete

lcon	Description
Register	Registers the new serial number
Delete	Deletes the registered serial number



Please note that this "serial number input" is just a simple user convenience function that helps the user to select the serial number from the list rather than typing in the whole number each time. This is different from product registration, and please be advised that the product registration can be done by the authorized local distributor only.

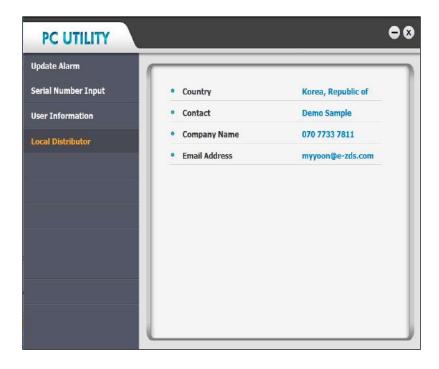
#### User information

Type in the workshop or business details, then the information will be used when printing the screen captures or saved data. Inputted information is not transferred to GIT and not shared for any purposes.



#### **User information**

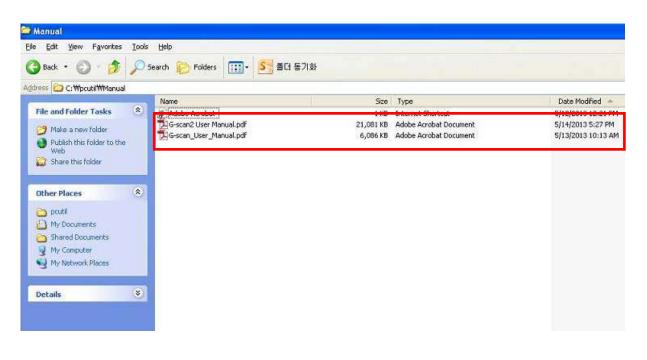
If the product has been registered, you can check the authorized local distributor information who is supposed to provide technical support and warranty service to you.



#### Manual

Selecting the [Manual] button runs the windows explorer opening the folder that includes the user manual file. The manual is provided in the PDF format and it can be opened by "Acrobat Reader®" program of which installation program is downloadable from the Adobe website without cost, and also included in the provided G-scan2 PC Utility CD.





# G-scan

# 4.7. Network Printer Setup



# **G-scan2 PC Utility Software**

AA-4-7. Network Printer Setup

Utilizing the onboard WiFi module, G-scan2 is capable of printing the captured image through the network printer that is connected to the PC where the PC Utility program is installed.

Please observe the three conditions below:

- 1. The PC that the PC Utility is installed needs to be logged on to the wireless network.
- 2. The WiFi module of G-scan2 needs to be activated and logged on to the same Wireless network.
- 3. The printer must be connected to the PC as the default printer.

Select [Network Printer Setup] button from the G-scan2 PC Utility Program main menu as below.



Then select among [AutoPrint] and [Deactivate].

#### AutoPrint

Allows G-scan2 to detect the printer connected to the PC automatically so that it can print out the captured images when commanded by the user.

#### **Open Image Viewer**

Deactivates the direct network printing function. Instead of printing, G-scan2 runs the Image Viewer and shows the captured screen on the LCD.



# C-scvu 5



Chapter 5. Appendix

5.1. G-scan2 Limited Warranty

5.2. Discard of Used Equipment

# G-scan

# 5.1. G-scan2 Limited Warranty



# Appendix

AA-5-1. G-scan2 Limited Warranty

Providing that this product has been installed and used as instructed in this operating manual, GIT will repair G-scan2 product (base unit other than software with new or reconditioned parts, free of charge for two (2) years from the date of original purchase in the event of defect in materials or workmanship.

During the first 1 year of this 2-year warranty period, GIT will cover the freight cost for return trip of the G-scan2 base unit for repair service, and for the remaining second 1 year period, the customer shall pay the return trip freight cost while the labor and part costs are still covered by GIT.

Functioning accessories including cables and connectors are warranted for 1 year from the data of original purchase.

Non-functioning parts and consumable accessories including but not limited to base unit plastic case, carry case and parts thereof, plastic bags, printed material and CD or DVD.

Lithium-ion battery module is warranted by the manufacturer for 6 months only as the standard policy of the industry.

The warranty is extended solely to the original purchaser. A purchase receipt or other proof of evidencing the date of original purchase will be required to be presented before providing necessary warranty service.

YOU ARE REQUIRED TO REGISTER G-SCAN AND USER INFORMATION TO GIT WEBSITE IMMEDIATELY. GIT HOLDS THE RIGHT TO REFUSE PROVISION OF ANY SERVICE FOR THE PRODUCT THAT HAS NOT BEEN REGISTERED.

This warranty only covers failures caused by defects in materials or workmanship, which may occur during normal use. It does not cover damage occurs during shipment or failures which may be caused by products, non-genuine parts or accessories not supplied by GIT, or failures resulting from act of god, alteration, accident, misuse, introduction of liquid material or any other foreign matter into the product, abuse, neglect, improper installation, maladjustment of consumer controls, improper maintenance, modification or service conducted by any one unauthorized by GIT.

GIT SHALL NOT BE LIABLE FOR LOSS OF DATA OR OTHER INCIDENTAL OR CONSEQUENTIAL DAMAGE RESULTING FROM THE USE OF THIS PRODUCT, OR ARISING OUT OF ANY BREACH OF THIS WARRANTY. ALL EXPRESS AND IMPLIED WARRANTIES, INCLUDING THE WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE LIMITED TO THE APPLICABLE WARRANTY PERIOD SET FORTH ABOVE.

GIT's entire liability and your exclusive remedy under this warranty shall be limited to the replacement, or any defective parts or functions in the products, which is returned to GIT or its authorized local distributor, together with a copy of the purchasing receipt, during the aforementioned warranty period. Anything in the foregoing to the contrary notwithstanding, GIT shall have no obligation for any defects in the product resulting from your storage thereof, or for defects that have been caused by operation of the product other than on the operation manual or in environmental conditions other than those specified by GIT or by alteration, accident, misuse, abuse, neglect, mishandling, misapplication, installation, maladjustment of consumer controls, improper maintenance, modification or damage that is attributed to acts of God.

This limited warranty gives you specified legal rights, and you may also have other rights, which vary from country to country. The laws of Republic of Korea, without regard to its conflict-of-laws rules, will govern this Limited Warranty.

To obtain help or technical Assistance, please contact your local distributor.

#### FCC STATEMENT

CAUTION: Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

-- Reorient or relocate the receiving antenna.

-- Increase the separation between the equipment and receiver.

-- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected. -- Consult the dealer or an experienced radio/TV technician for help.

# G-scan

# 5.2. Discard of used equipment



# Appendix

AA-5-2. Discard of used equipment

WEEE (Waste Electrical and Electronic Equipment) symbol as shown in Fig. 1 is indicated on the back of G-scan2 base unit. Please note that G-scan2 is subject to this regulation for disposal of Waste Electrical and Electronic Equipment, therefore you are kindly requested to follow the suggested rules.



WEEE is applied to EU member nations as well as Non-EU member European countries with separate waste collection systems.

This symbol on the product or on its packaging indicates that this product shall not be treated as household waste. Instead it shall be handed over to the applicable collection point for the recycling of electrical and electronic equipment. By ensuring this product is disposed of correctly, you will help prevent potential negative consequences for the environment and human health, which could otherwise be caused by inappropriate waste handling of this product. The recycling of materials will help conserve natural resources. For more information on recycling of this product, please contact your community authority, your household waste disposal service or your local distributor.

This product is CE marked according to the provision of the R&TTE Directive (99/5/EC). Here by G.I.T Co., Ltd.. declares that this product is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC.

# CE 0678