



3.7. G-scan2 System Lock



G-scan2 Basic Functions

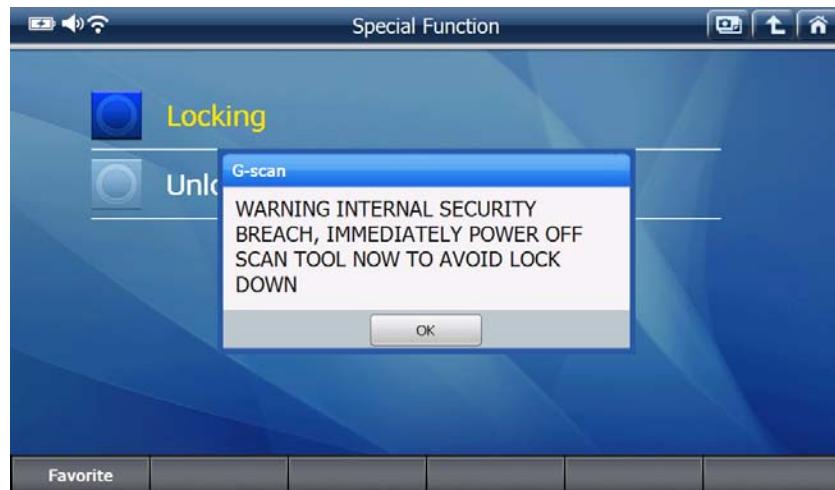
AA-3-7.G-scan2 System Lock

“Anti-Reverse Engineering” Lock

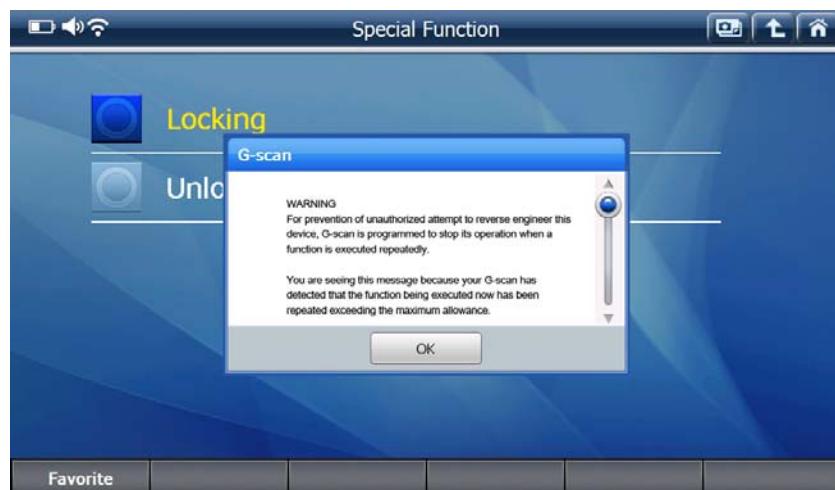
For the protection of GIT's proprietary right and intellectual property that are embodied to G-scan2, the product contains the “Anti-reverse Engineering” function.

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.



G-scan2 User Manual

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 operasian 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 meramalkan fungsi yang sama tetapi tidak memasangannya 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.

Немедленно перегрузите сканер!

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

إنت ترى هذه الرسالة لأننا اكتشفنا محاولة برمجة عكسية على هذا الجهاز، وقد تجاوزت العدد المسموح به من المحاولات.

إذا كنت لا تزال تحاول نفس المحاولات بدون إعادة تشغيل الجهاز أو إعادة اتصاله فسوف يغلق الجهاز نهائياً ويصبح عديم النفع.

الرجاء إعادة تشغيل الجهاز الآن.

تخطي جهازك من محاولة تشغيل غير معتمدة رجاءً غلق الجهاز وإبلاغ الوكيل وعدم تكرار محاولة فتح الجهاز لحين إعادة برمجته.

خطر سيار مهم

جي-اسكن مجهز بالألغوريتمي هوشمند جيث جلوگیری از سو استفاده و

مهندسي معموسن نرم افزار اين دستگاه است. در صورتيكه اين بيمار ا مشاهده مي

كنيد، برنامه شاهد الگوري غير عادي بوده است. اين الگو معمولاً هنگام كبي برداري

از برنامه مشاهده مشود و خارج از حيطة اي است که عيب يابي خودرو به صورت معمول افتضا مي کند.

لطفاً دستگاه عيب ياب را كاملاً خاموش کرند، و پس از 2 دققه مجدداً روشن نمایند.

** توجه: در صورتي که دستگاه را خاموش نکنيد، دستگاه شما بالافصله قفل و برای

هشيشه کاملاً از کار خواهد افت. مسئوليت عراقب اين امر و جبران خسارات وارد به

جهده خود شما خواهد بود و تليي کار و جي.أي.تي. هچ مسئوليت نسبت به اين موضوع خواهد 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。

G-scan2 User Manual

ACHTUNG!

Ihr G-Scan hat festgestellt, dass die jetzt ausgeführte Operation maximale Anzahl an Zugriff überschritten hat.

Um nicht autorisierten Zugriff des Reverse Engineering 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.

คำเตือน

เพื่อป้องกันการลอกเลียนแบบ เครื่อง G-Scan จะหยุดทำงาน ถ้าท่านทำการใช้งานใดๆ ก็ตาม ให้อ่านข้อความนี้ และจงว่าเครื่อง G-Scan

ต่อเนื่องติดต่อ กันอย่างผิดปกติ ถ้าท่านเห็นข้อความนี้ แสดงว่าเครื่อง G-Scan

กำลังได้รับการกระทำดังกล่าว กรุณายืดและเปิดเครื่องใหม่ทันที

นี่จะนั่นเครื่องจะถูกล็อกโดยอัตโนมัติและจะไม่สามารถใช้งานได้อีก

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.

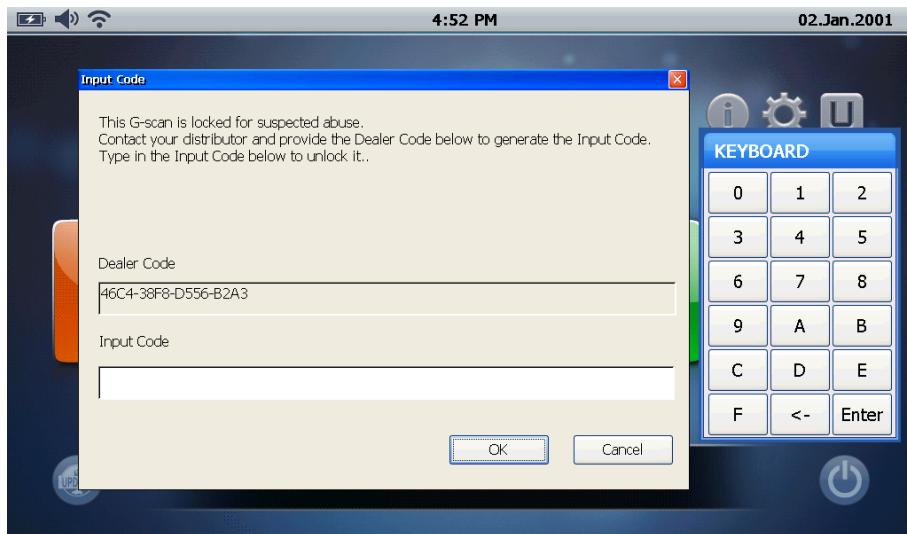
Despite such warning, if it is ignored and the function is used a couple of times more, G-scan2 finally locks up and ceases to operate normal as shown below.



G-scan2 User Manual

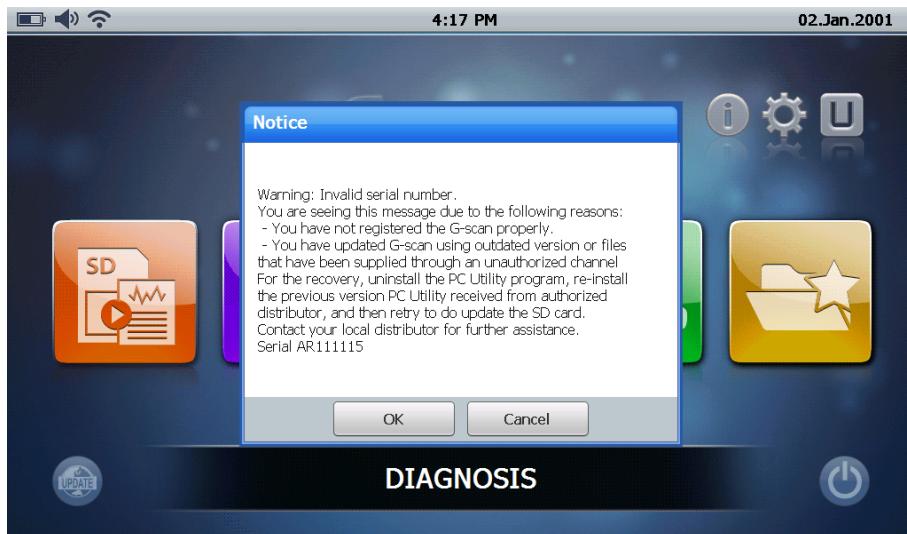
If G-scan2 is locked, it is not recoverable unless the G-scan2 base unit is returned to the authorized local distributor.

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 G-scan2 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.



"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.



G-scan2 User Manual

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

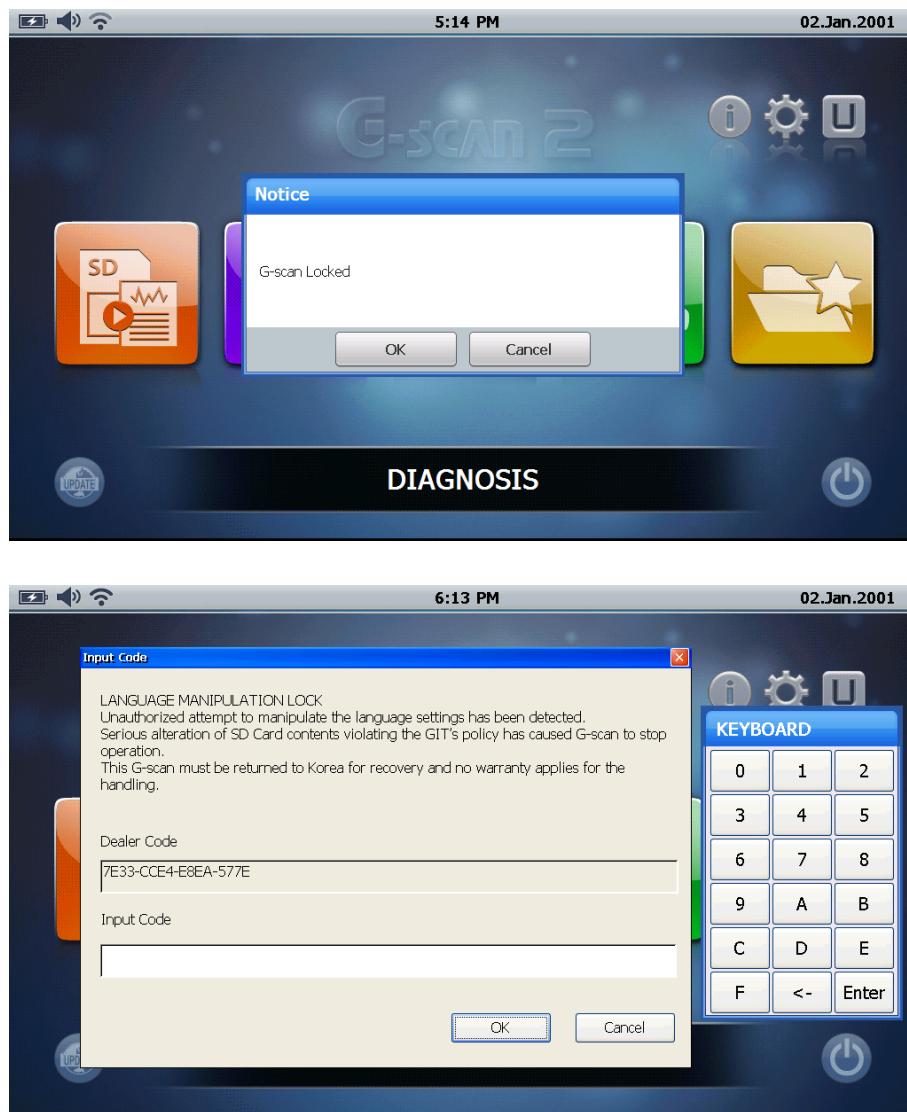
- 1) Uninstall the PC Utility that you used for the last update from the PC completely.
- 2) Get the latest version PC Utility and install the program
- 3) Download the latest version software from GIT server using the online update function, or, if the offline data is available, from the PC using the 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.

G-scan2 User Manual



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.



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-scan2 User Manual



4.1. Installation and Removal



G-scan2 PC Utility Software

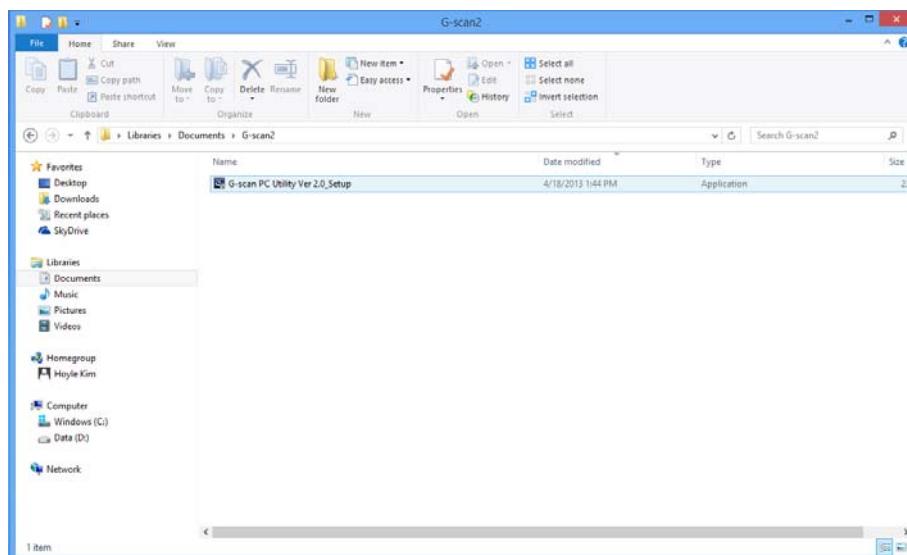
AA-4-1. Installation and Removal

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.



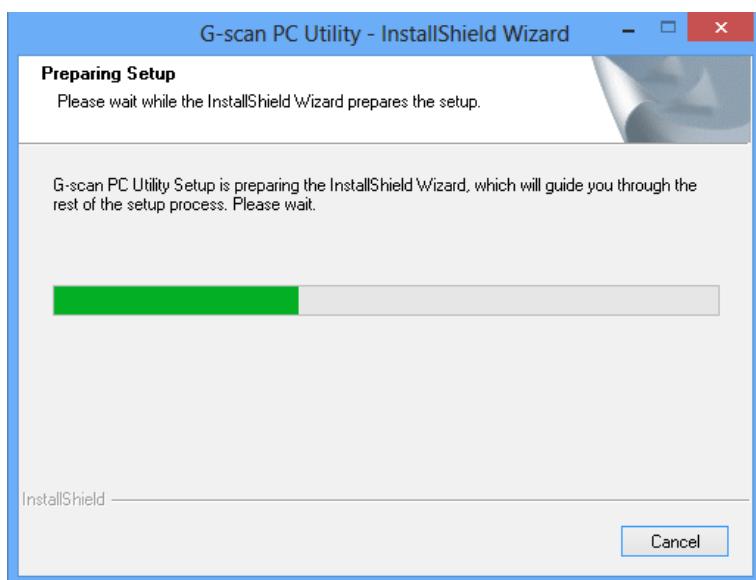
G-scan2 User Manual

Compatible PC Operating System

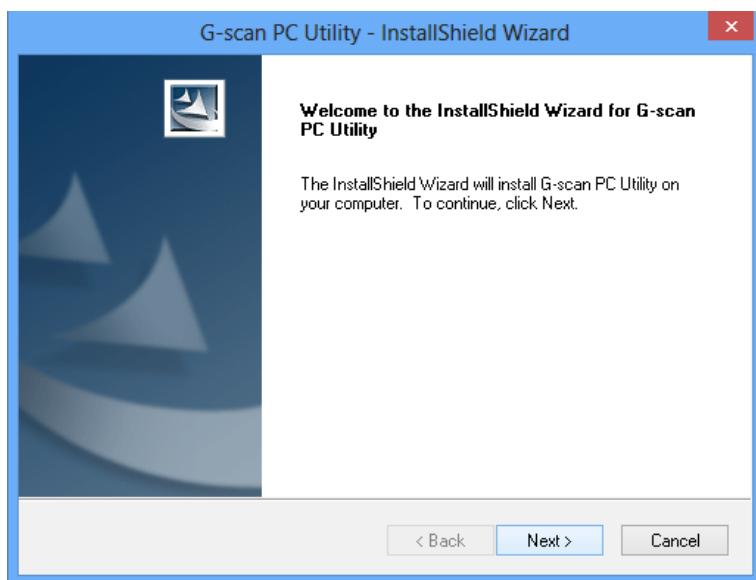
- Windows XP Professional (SP3 or higher)
- Windows Vista
- Windows 7
- Windows 8

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 is based on Windows 8.

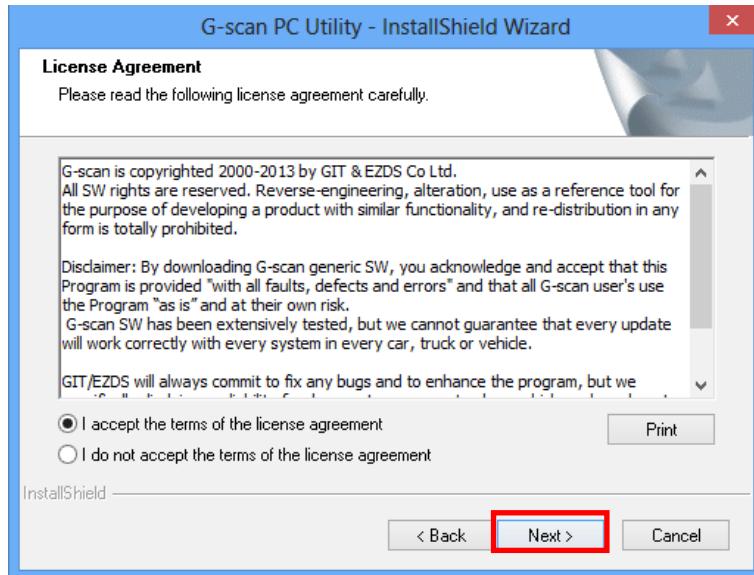


Select "Next>" to start the installation.



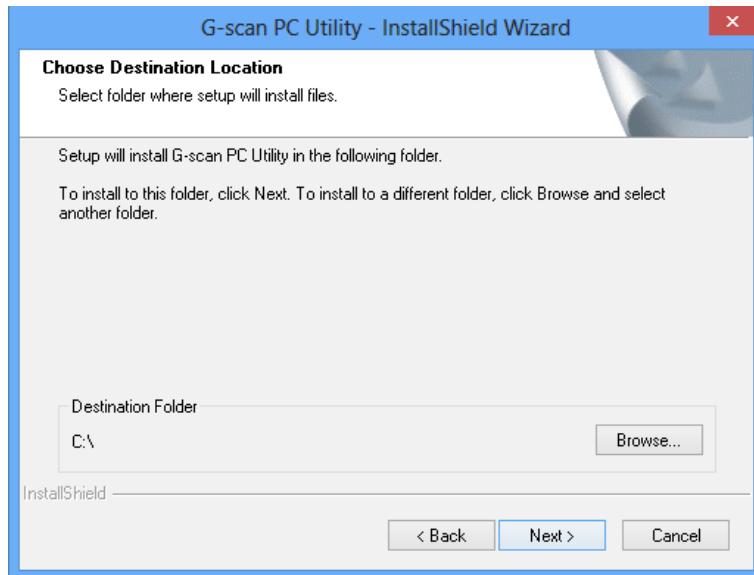
G-scan2 User Manual

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



Browse and select the folder to which PC Utility Software is installed, and click "Next>" to confirm.

Keeping the default setting unchanged is recommended.

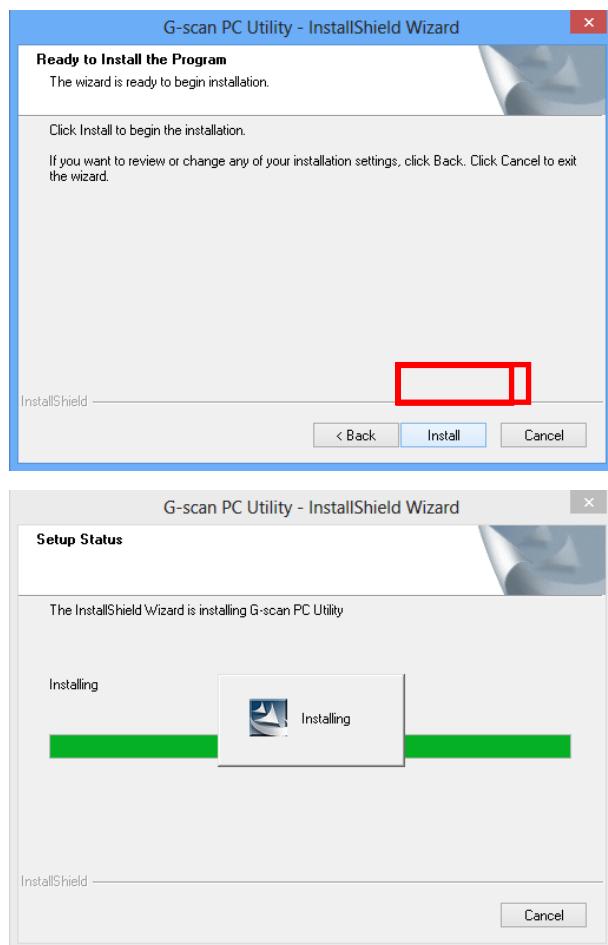




Caution

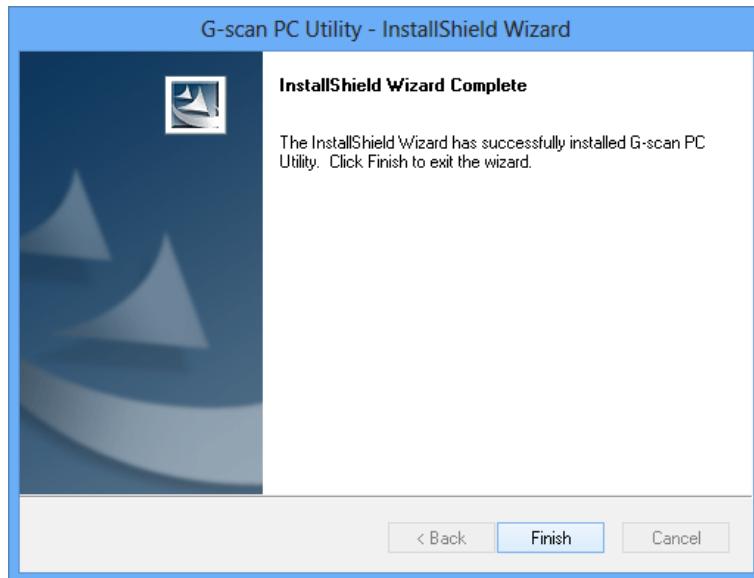
The recorded data and the images that have been saved to the PC using the older version PC Utility will need to be moved to the new path where the new PC Utility is installed in order to load them using the new PC Utility.

Installation begins when selecting [Install]



Click "Finish" to complete PC Utility Software installation.

G-scan2 User Manual

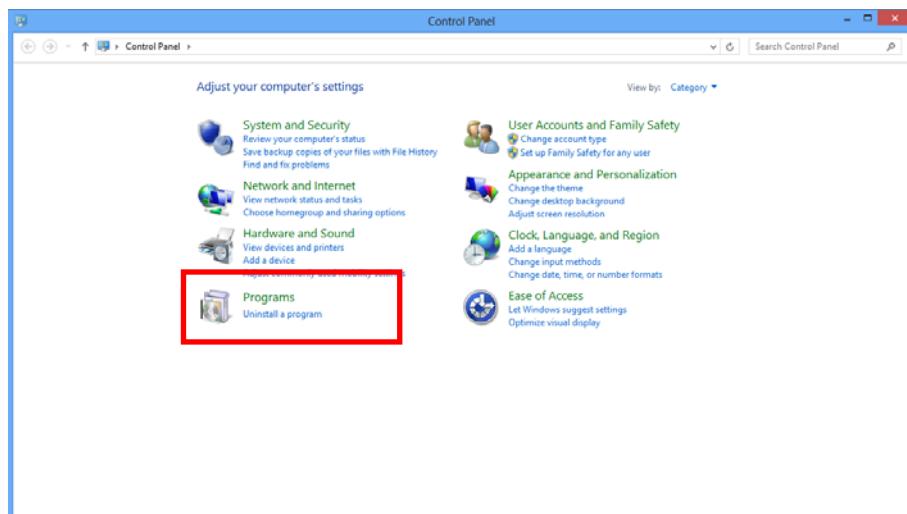


Check if the PC Utility Software icon is created on the desktop.



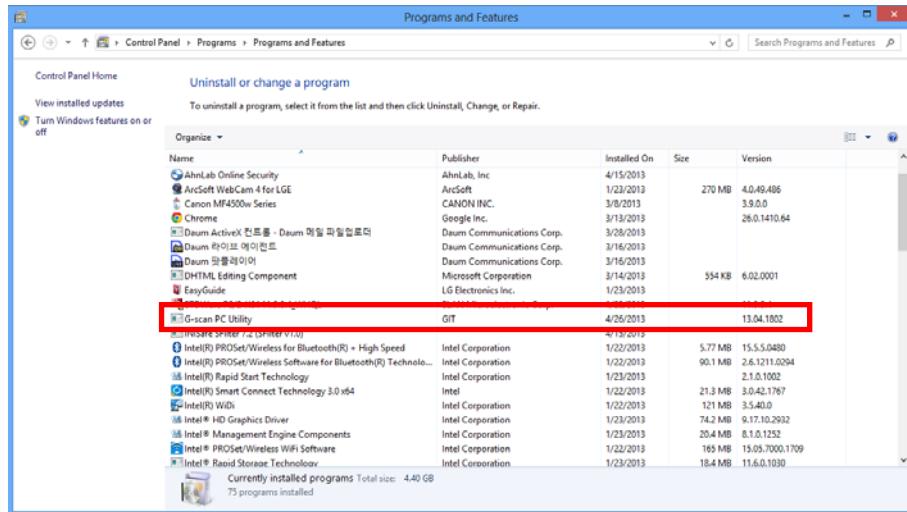
PC Utility Software Removal

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

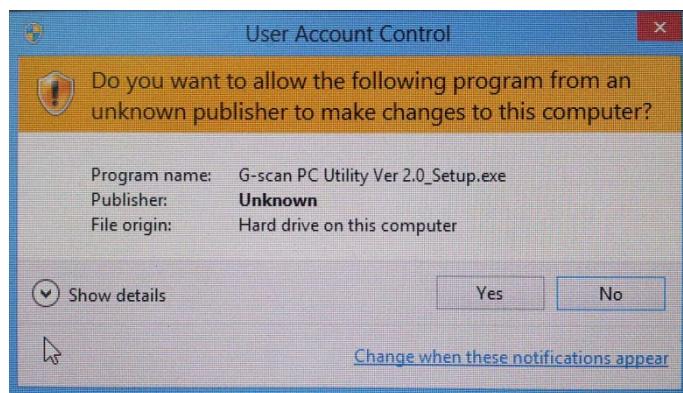


The programs installed on the PC are listed, then select "G-scan PC Utility" and click "Remove" button to uninstall the program, or double click the program name.

G-scan2 User Manual

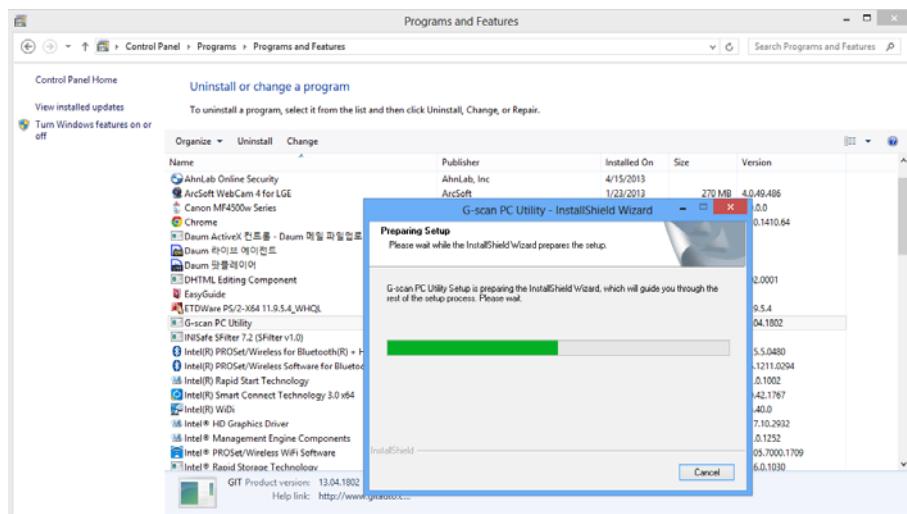


Click “Yes(Y)” to confirm PC Utility Software removal at the pop-up query as shown in Fig.11.



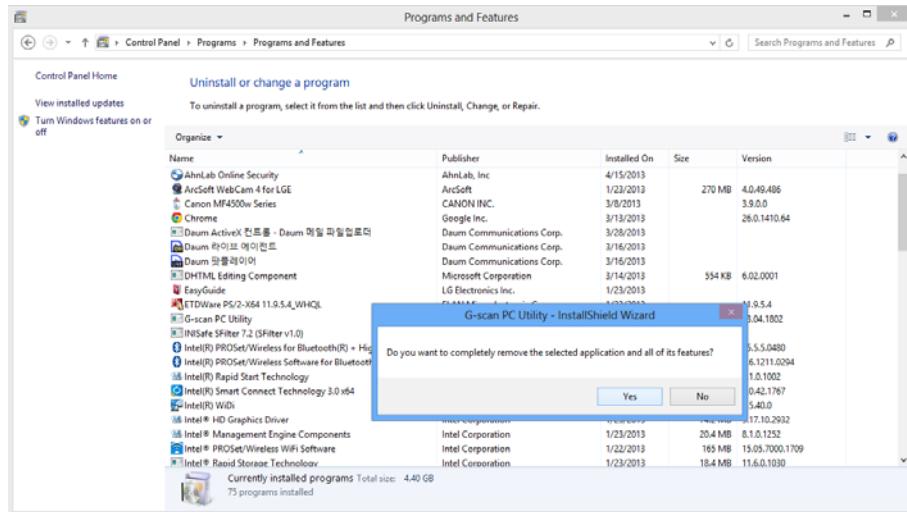
[Fig.11]

Progress bar of uninstall process follows the confirmation.

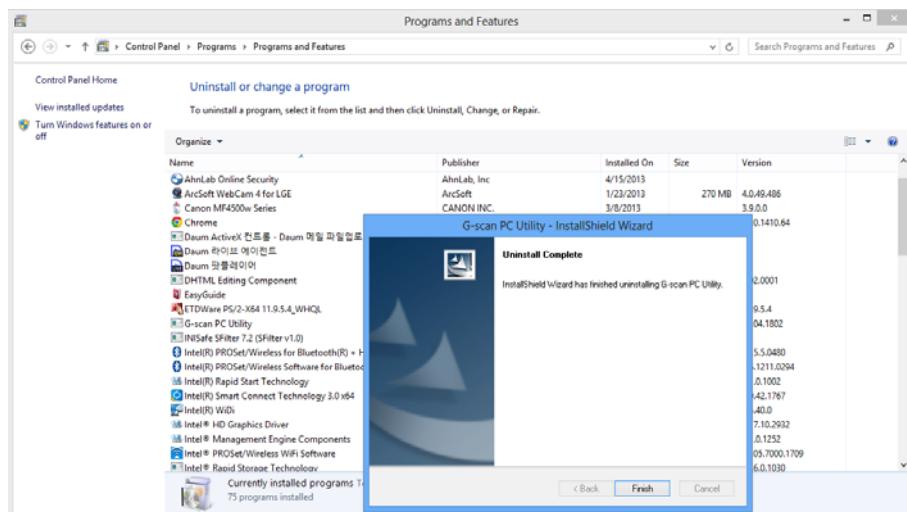


G-scan2 User Manual

Select [Yes] at the additional queries if necessary.



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



[Fig.13]

G-scan2 User Manual



4.2. Main Menu



G-scan2 PC Utility Software

AA-4-2. Main Menu

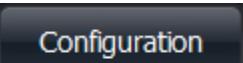
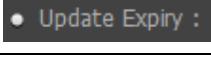
G-scan and G-scan2 shares the same PC Utility. Run the “G-scan PC Utility” by a double click on the shortcut icon on the PC desktop, then the program is loaded and the main menu appears.



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.



G-scan2 User Manual

Icon	Description
	Loads on-screen user manual for reference
	Various user settings including G-scan2 serial number, alarm and user information can be configured
	Serial number of G-scan2 is indicated as saved in the configuration menu
	Expiry date of update subscription
	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.
	Updates the diagnostic database in the G-scan2 SD card using the update software that have been installed to the PC with the PC utility.
	Reviews the screen capture images, recorded data and scope data saved in the SD card or the PC hard disk.
	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

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



G-scan2 User Manual

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.



G-scan2 User Manual

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.

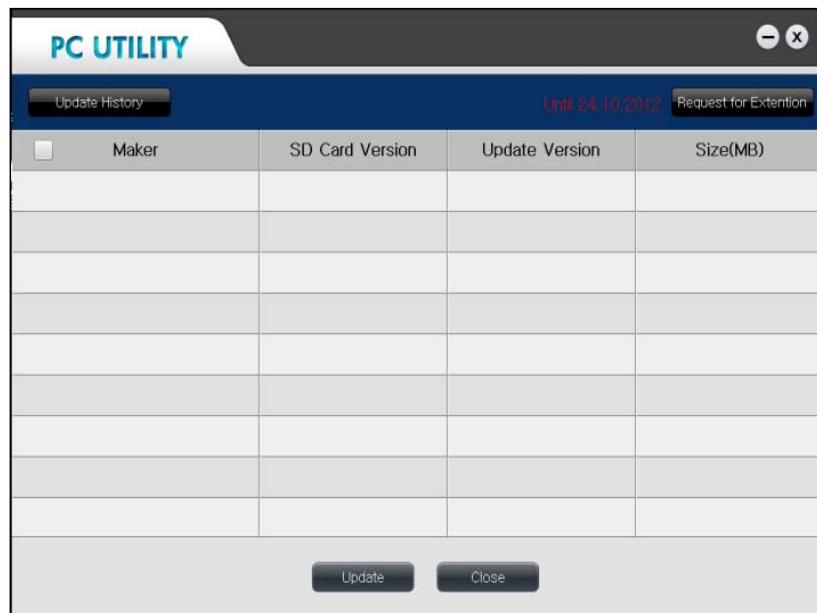


The screenshot shows the 'PC UTILITY' software interface with a table titled 'Update History'. The table has columns for 'Maker', 'SD Card Version', 'Update Version', and 'Size(MB)'. The 'Update Version' column contains red text indicating the latest available version for each maker. The table includes rows for AUDI, BENZ, BMW, CHEVROLET, CHRYSLER, DAIHATSU, DEMO, and FORDAU. At the bottom of the table are 'Update' and 'Close' buttons. Above the table, there is a status bar showing 'Until 25.10.2013' and a 'Request for Extension' button. There is also a 'Update History' button at the top left of the table area.

<input type="checkbox"/>	Maker	SD Card Version	Update Version	Size(MB)
<input checked="" type="checkbox"/>	MainProgram1	12.10.01.01	12.10.22.01	17.4
<input checked="" type="checkbox"/>	AUDI	12.10.01.01	12.10.22.01	7.7
<input checked="" type="checkbox"/>	BENZ	12.10.01.01	12.10.22.01	14.7
<input checked="" type="checkbox"/>	BMW	12.10.01.01	12.10.22.01	18.4
<input checked="" type="checkbox"/>	CHEVROLET	12.10.01.01	12.10.22.01	38.7
<input checked="" type="checkbox"/>	CHRYSLER	12.10.01.01	12.10.22.01	6.6
<input checked="" type="checkbox"/>	DAIHATSU	12.10.01.01	12.10.22.01	2.7
<input checked="" type="checkbox"/>	DEMO	No Data	12.10.22.01	0.9
<input checked="" type="checkbox"/>	FORDAU	12.10.01.01	12.10.22.01	31.5

G-scan2 User Manual

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



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.



G-scan2 User Manual

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.

Maker	SD Card Version	Update Version	Size(MB)
MainProgram1	13.04.01.01	13.04.01.01	81.2
AUDI/SEAT/SKODA/VOLKSWAGEN	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/GMDAEWOO	13.04.01.01	13.04.01.01	44.8
CHRYSLER/DODGE/JEEP	13.01.01.01	13.04.01.01	7.7
DAIHATSU	13.01.01.01	13.04.01.01	4.7
DEMO	13.01.01.01	13.04.01.01	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.

G-scan2 User Manual

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.



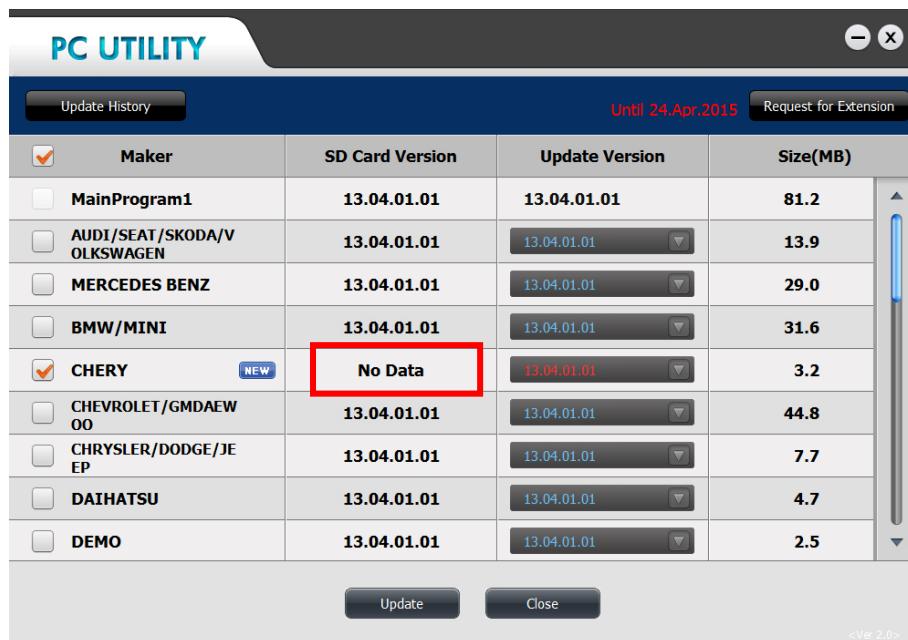
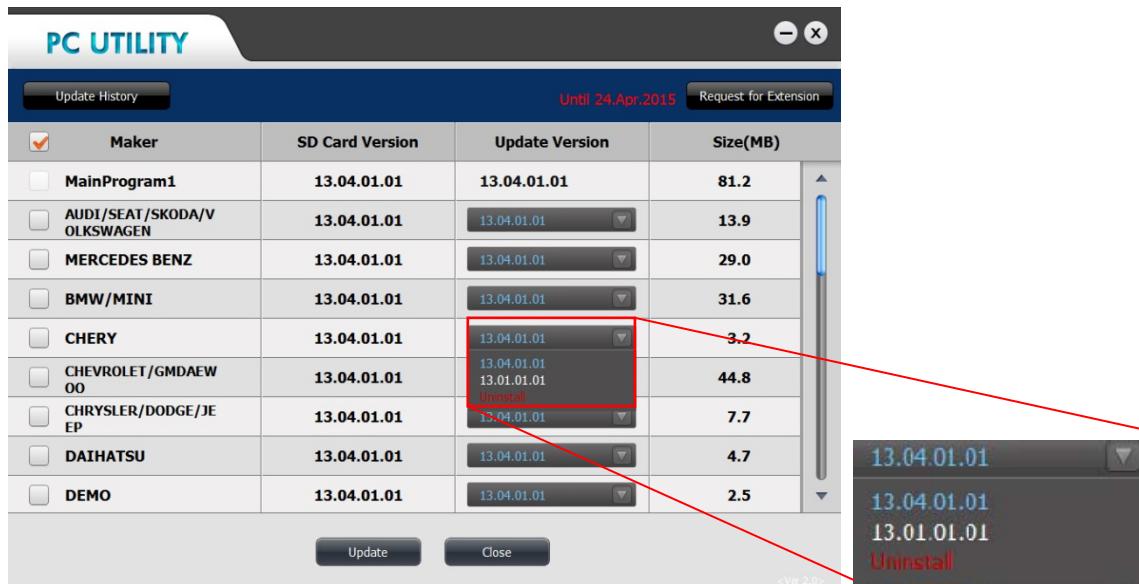
G-scan2 User Manual

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.

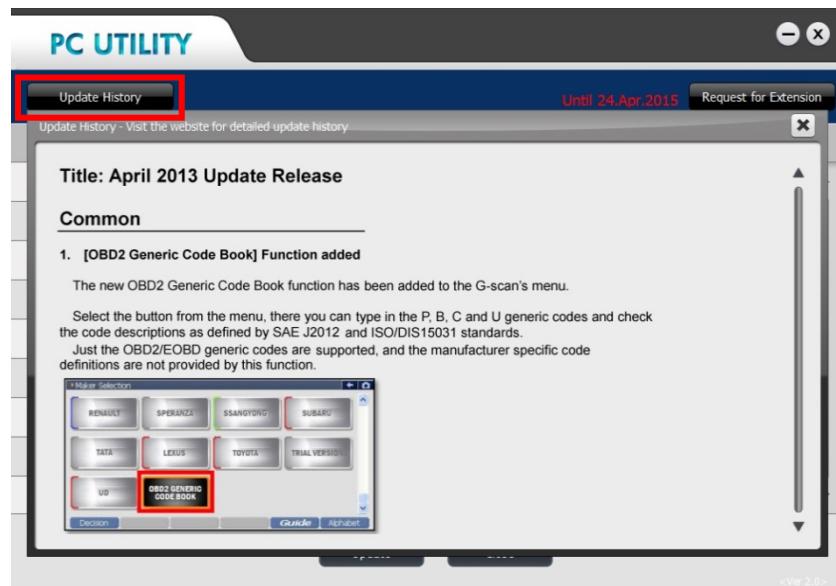
The removed brand will be restored when downloading any version software from the server again.



G-scan2 User Manual

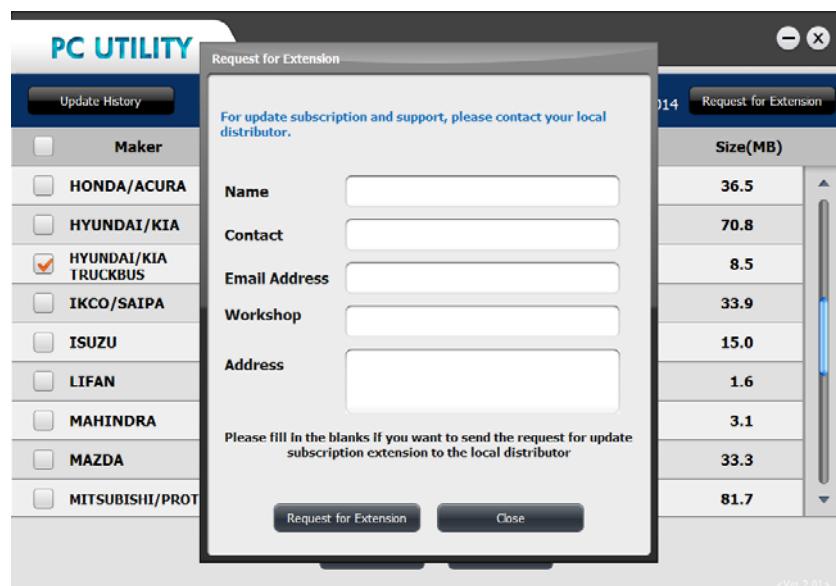
History

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





4.4. Software Update (Offline)



G-scan2 PC Utility Software

AA-4-4. Software Update Offline

Preparation

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.

G-scan2 User Manual

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.



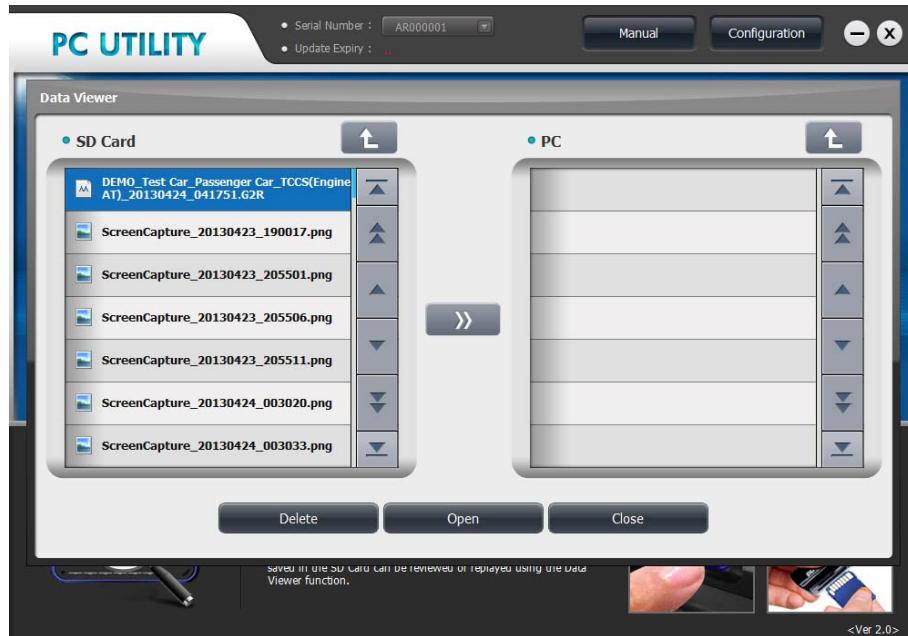
Caution

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.

G-scan2 User Manual

File copy to PC and deletion

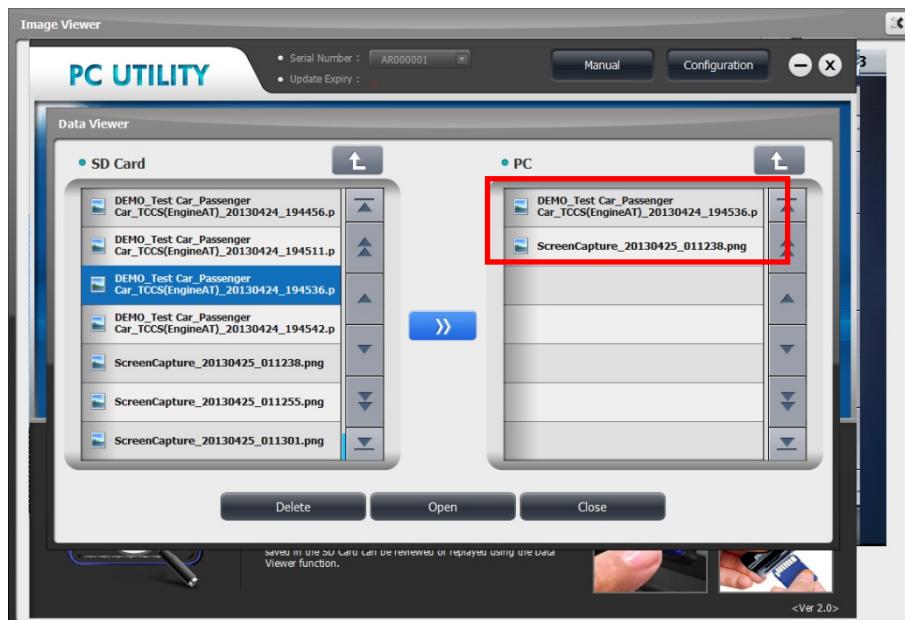
The recorded files saved in the SD card are listed on the left side of the screen, and the files contained in the PC are listed on the right side of the screen (appear as blank) as shown below.



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.

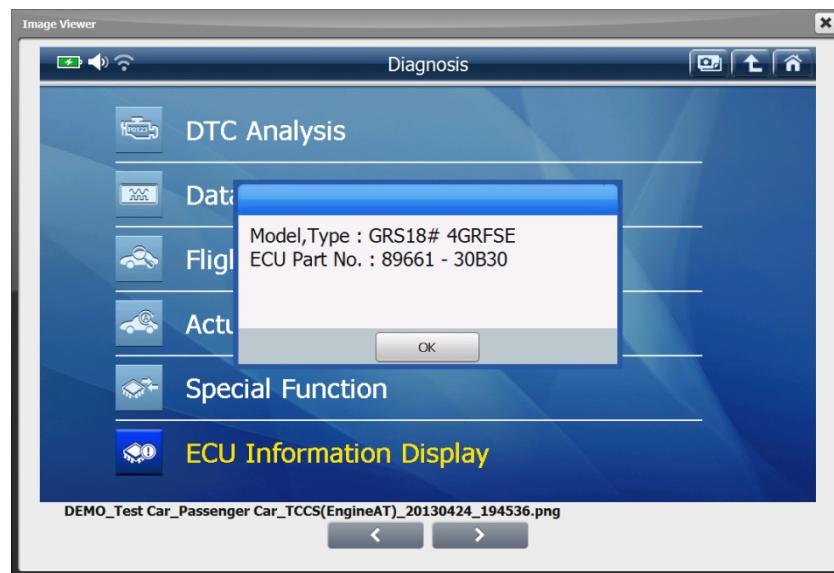
Recorded Data files contained in the PC or the SD card can be removed when button is selected.



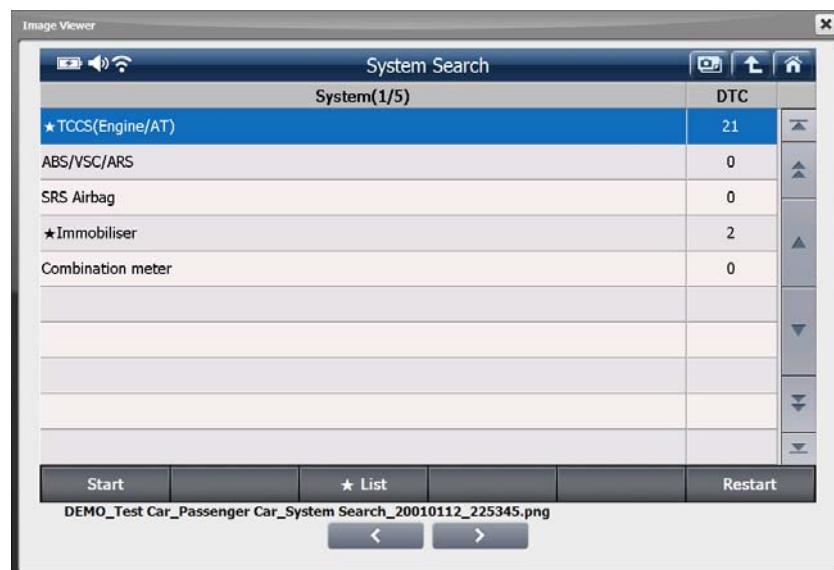
G-scan2 User Manual

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.

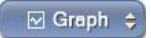


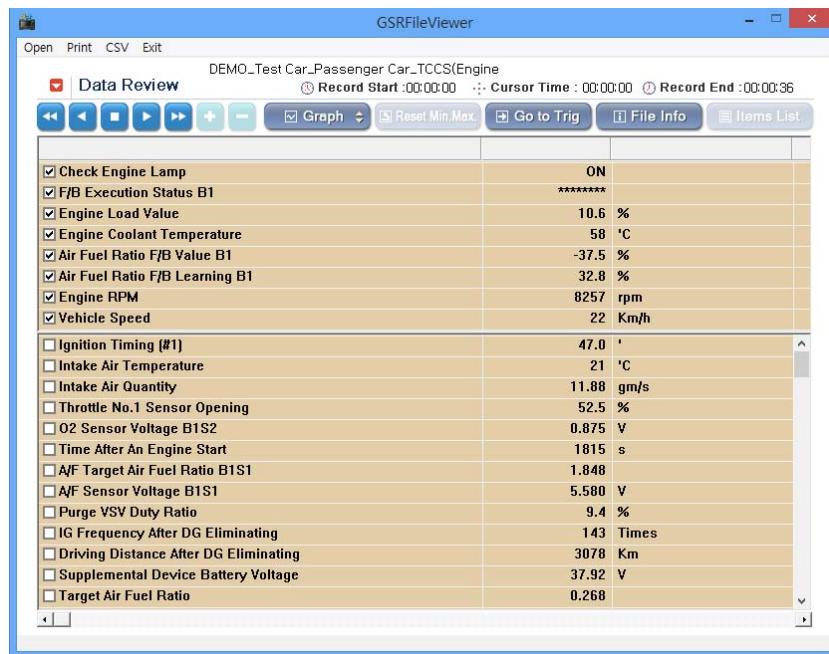
G-scan2 User Manual

Data Viewer

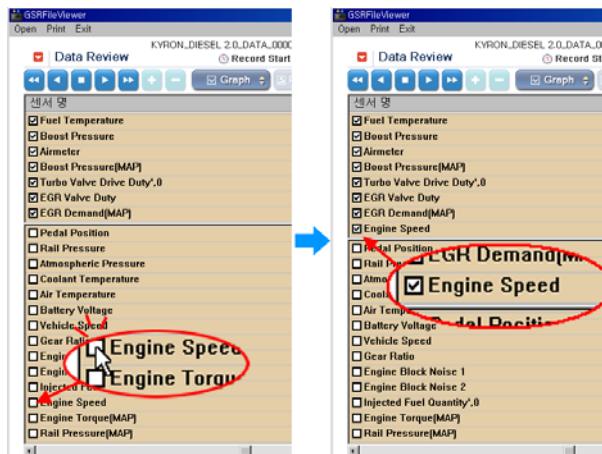
Text and Graph Modes

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  button is selected.

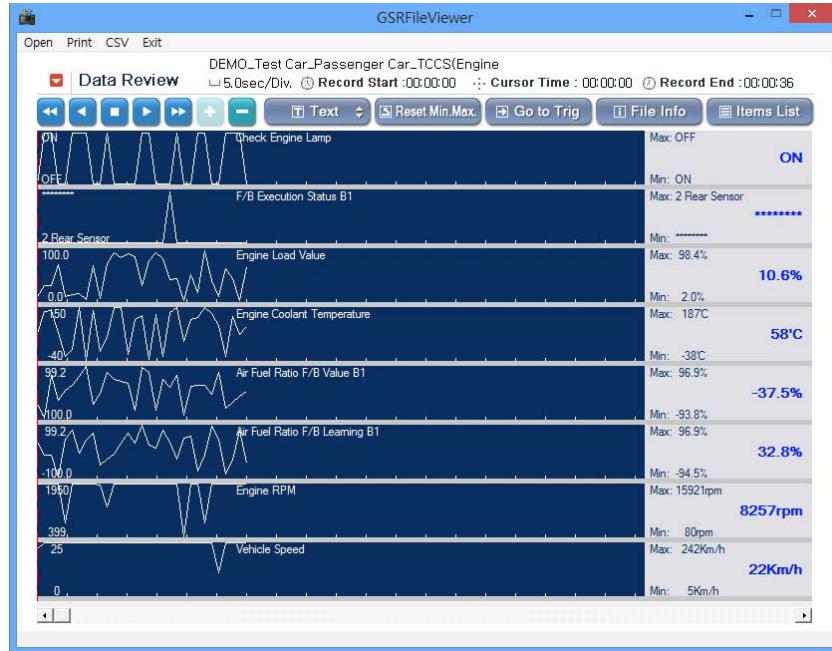


In order to select particular data parameters among the data list and view them in graphic mode, mark the check box in the head of each line as illustrated below. The selected parameters are moved to the top of the screen and vice versa.

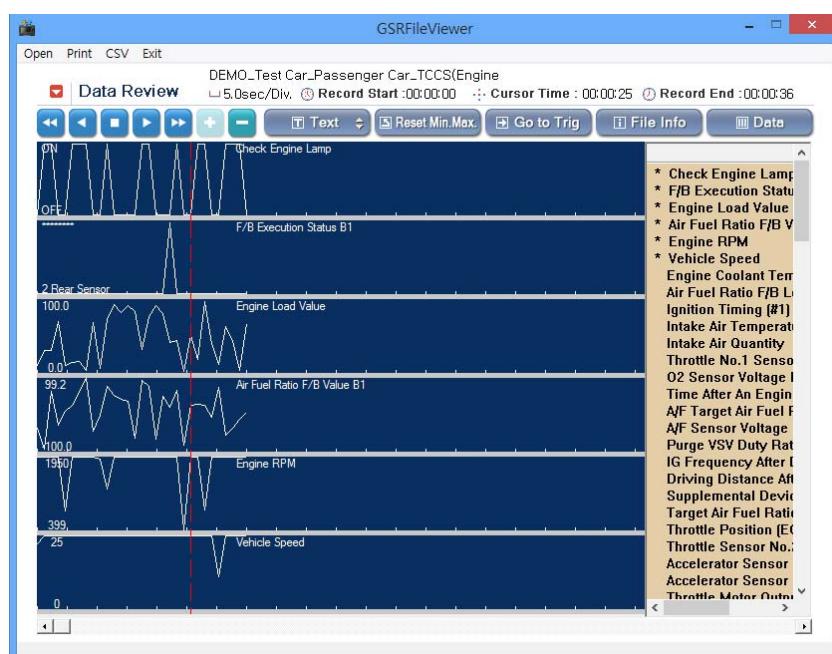


G-scan2 User Manual

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.

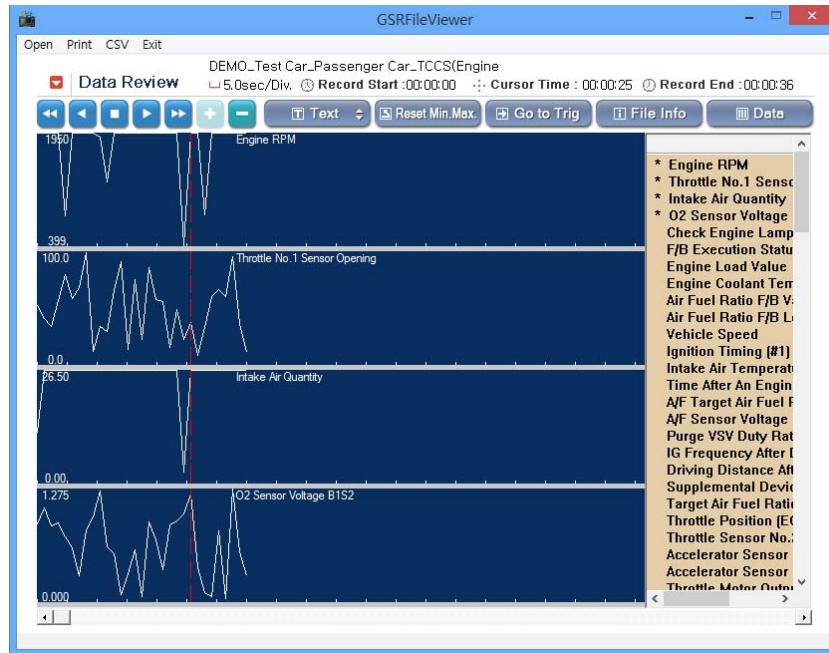


Adding, removing or replacing the parameter is possible in the graphical display mode by selecting the **Items List** button in the top right of the screen.



G-scan2 User Manual

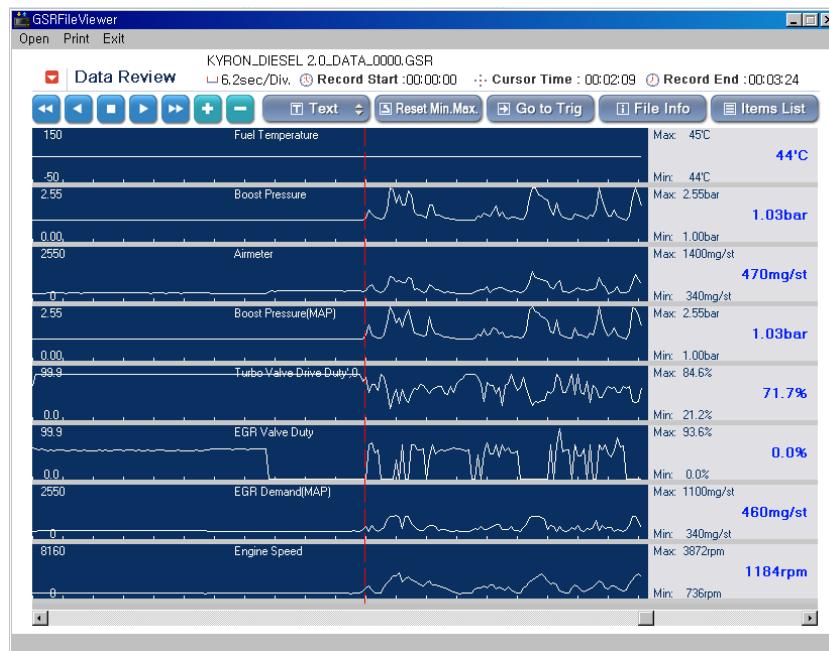
The parameters that are currently shown in graphs are indicated with the star (*) mark in the head of the name. Click on a parameter name with the star mark will exclude the parameter from the list, and the number of graphs that appear on the screen is decreased as much, and vice versa.



Cursors

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.



G-scan2 User Manual

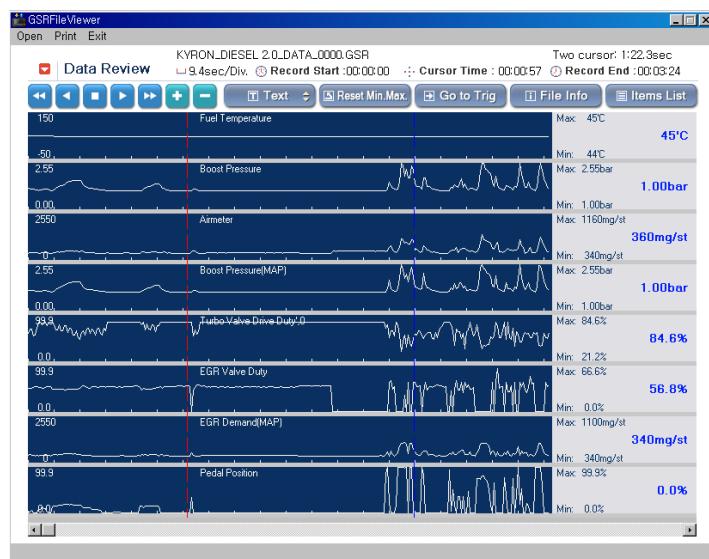
Pressing the left mouse button after placing the mouse pointer on any particular coordinate on the graphs turns the Cursor A on, which appears as a dotted vertical red line.

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.

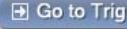
Max and Min values are indicating:

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.Max.** button resets the min/Max values to the reading of the first frame.

Go to Trigger

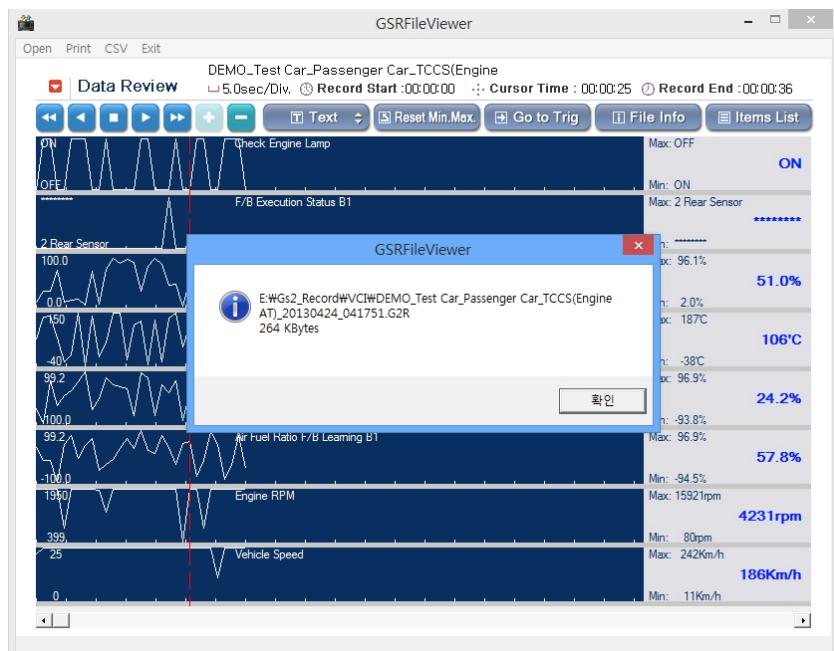
A trigger refers to the particular moment when the user pressed the Trigger button while recording data parameters, and selecting  button instantly moves the cursor to the triggered point.



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  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.





4.6. PC Utility Configuration



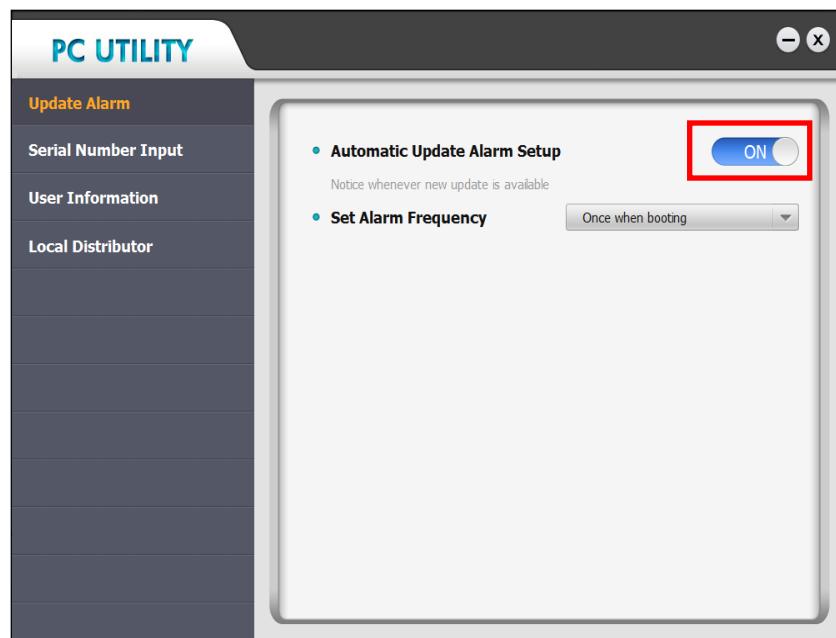
G-scan2 PC Utility Software

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" ..

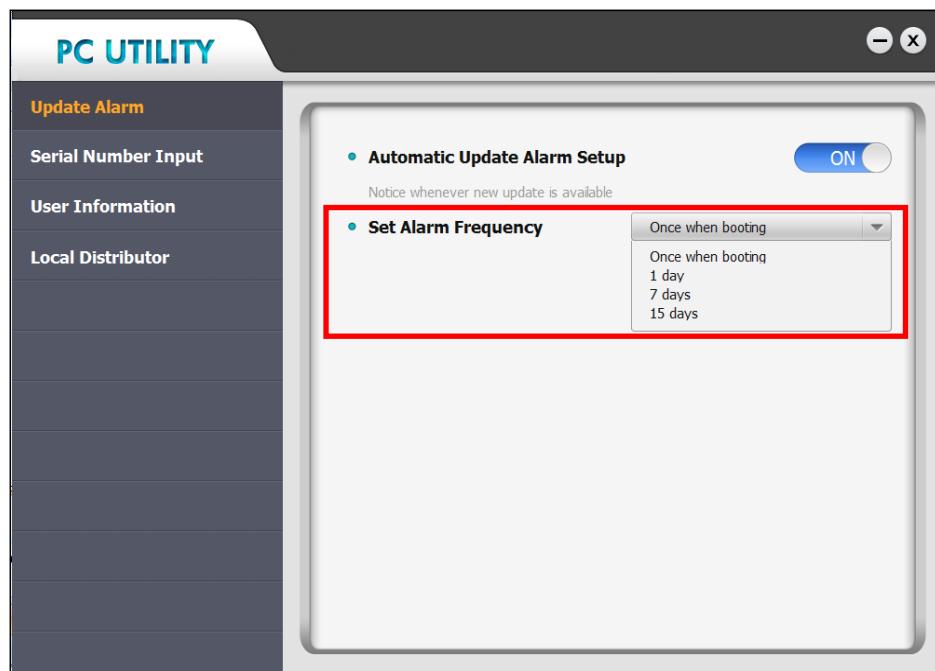


Update Alarm



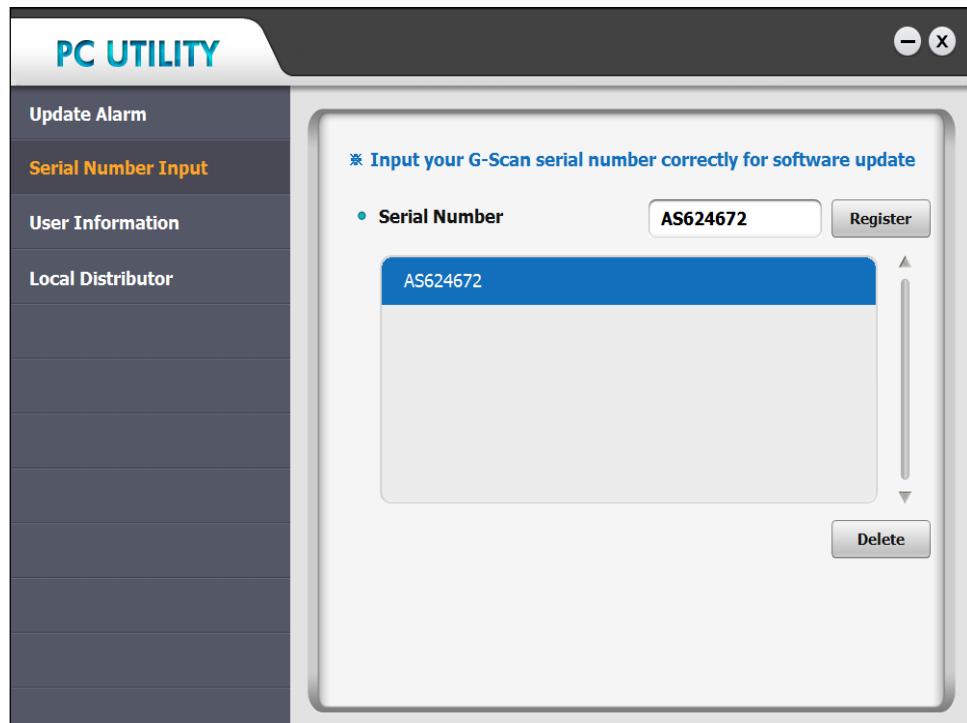
Update Alarm is a function that the PC logs on to the GIT download server automatically to check the availability of new updates, and then informs the user if it finds any update downloadable. Automatic Update Alarm can be toggled On or Off in the menu as shown above.

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”



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.



Icon	Description
	Registers the new serial number
	Deletes the registered serial number

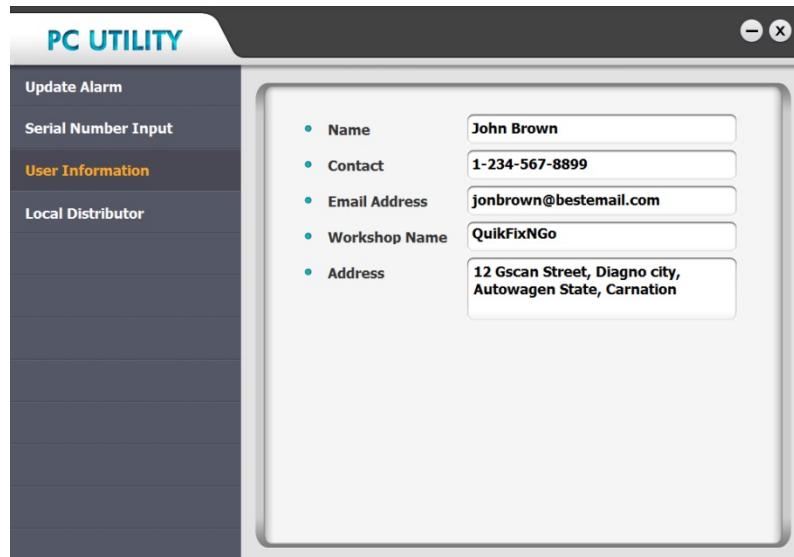


Caution

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.

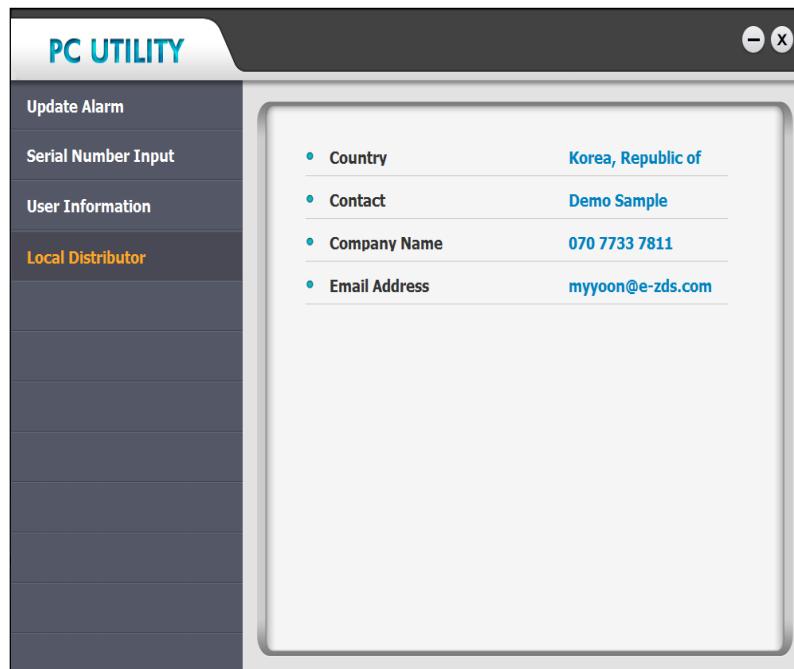
User information

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.



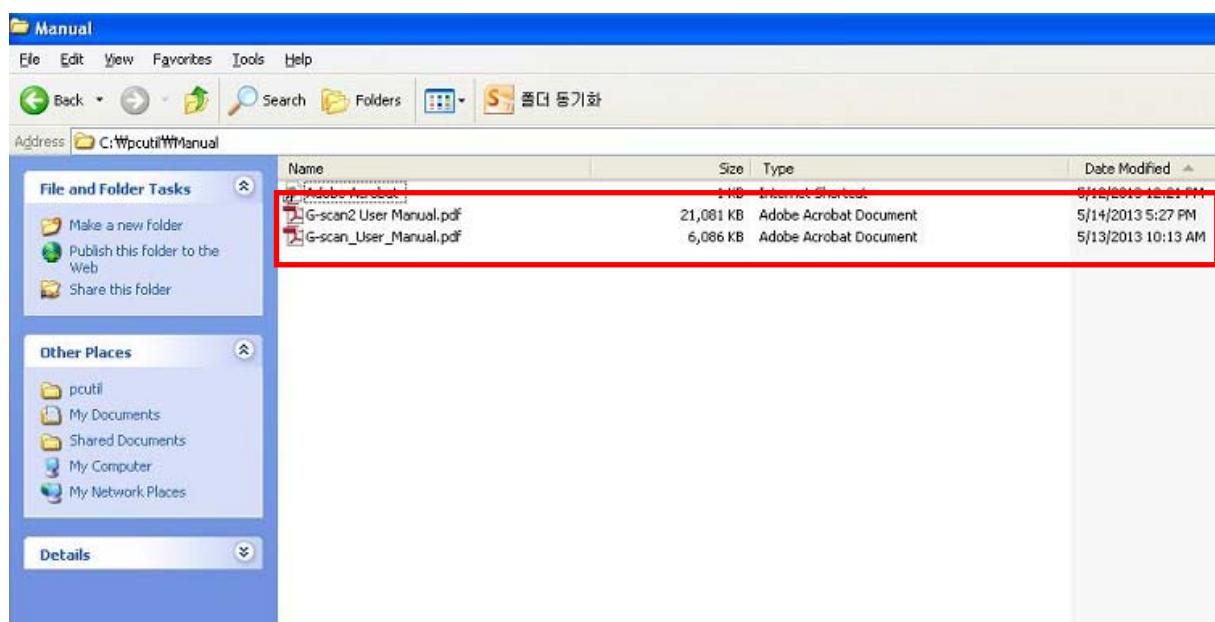
User information

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.





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.



Chapter 5. Appendix

5.1. G-scan2 Limited Warranty

5.2. Discard of Used Equipment



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 date 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.
-

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