



User's Manual

GlsEasyWlanSetup

Preface

Thank you for using the TOPCON GIsEasyWlanSetup (collectively, “Software”). To get the best use of the Software, read carefully the On-line Instruction Manual of the Software (the “Manual”).

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OVER VIEW

GlsEasyWlanSetup is used for setup a wireless network connection between a PC and a GLS easier.

PROVIDED FILES

Follows files are provided for install GlsEasyWlanSetup.

GlsEasyWlanSetup.exe

WindowsXP-KB918997-v6-x86-ENU.exe (This file is used only WindowsXP SP2)

PRODUCT REQUIREMENTS

This software is only supported to use with tablet PC viliv S5.

Windows XP SP2 or later, or Windows 7 is required. If using Windows Xp SP2, also it requires Microsoft Wireless API library that is provided with WindowsXP-KB918997-v6-x86-ENU.

And Microsoft .NET Framework version 2.0.50727 and Microsoft Visual C++ runtime library version 8.0.50727 are necessarily. If Topcon ScanMaster Field had been installed, these libraries are ready to use.

GLS FIRMWARE REQUIREMENT

- ✓ GLS-1000: Required Version 1.09 or higher.
- ✓ GLS-1500: Required Version 2.02 or higher.

FUNCTIONS

- ✓ Create a wireless network connection
- ✓ Check communication with GLS

HOW TO INSTALL

Just copy the GlsEasyWlanSetup folder into an appropriate folder.

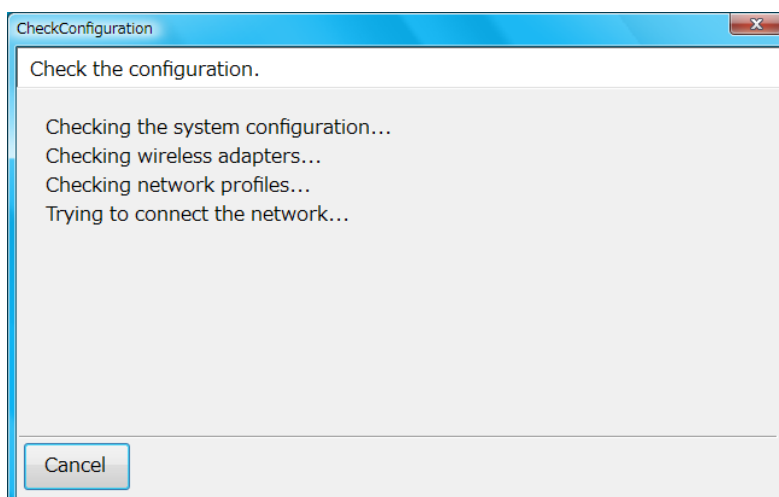
1. START UP

Double click GlsEasyWlanSetup icon to start GlsEasyWlanSetup. The Welcome window appears.



2. AUTOMATIC SETUP

When the Next button is clicked, GlsEasyWlanSetup starts checking the system configurations and tries to setup a wireless network connection.



Attention:

Make sure the wireless adapter is power-on.

2-1 FIRST TIME

The configurations are set with default settings of the GLS.

Default settings of the GLS are as follows:

Network Name: gls1500
Network Type: Ad-hoc
Authentication Type: Open
Encryption Type: None
IP Address: 192.168.0.1

Subnet Mask: 255.255.255.0

GlsEasyWlanSetup sets the IP Address of the PC wireless connection to 192.168.0.2 by default.

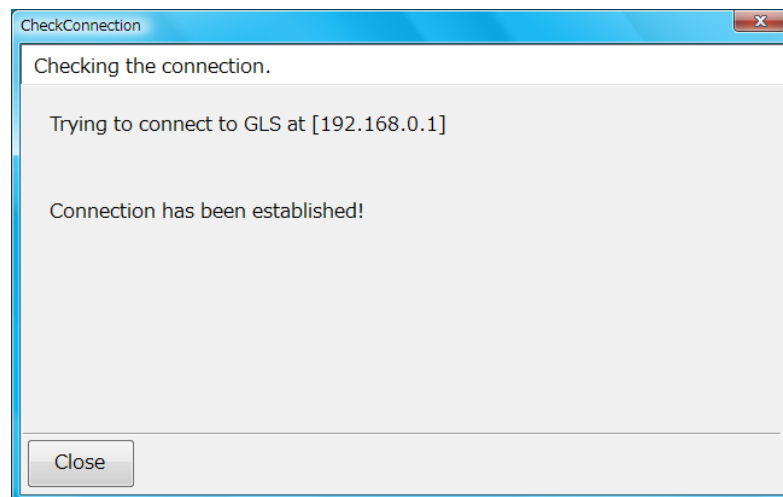
2-2 SECOND TIME OR LATER

The configurations are set with the last successful settings.

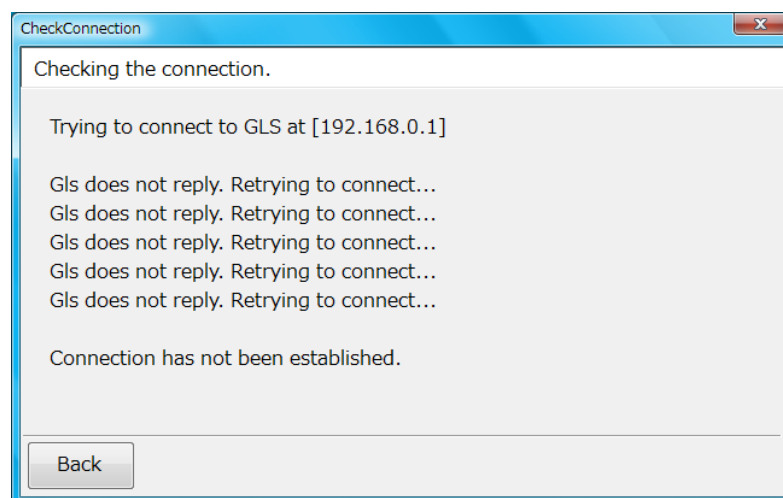
2-3 CHECK THE CONNECTION WITH THE GLS

After the configurations has been set, GlsEasyWlanSetup tries to connect to the GLS. If the automatic configuration has finished, the Result window appears.

If it has finished successfully, click the Close button to exit GlsEasyWlanSetup. It will be able to connect to the GLS with ScanMaster Field.



If it has failed, click the Back button to start the manual setting procedures.



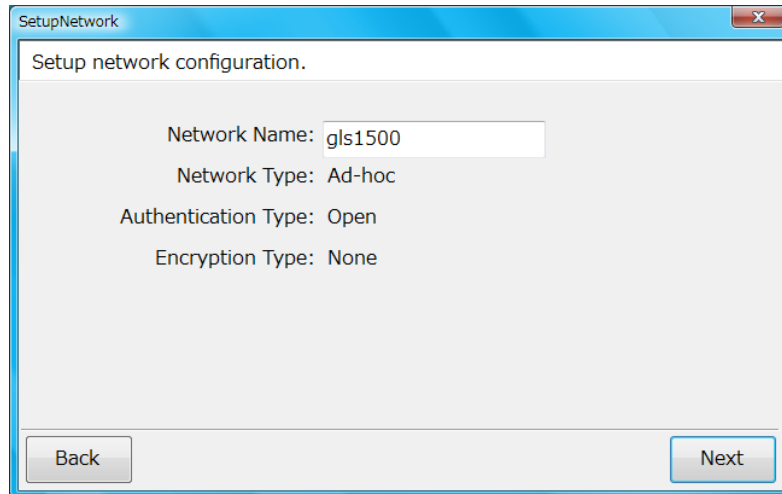
3. MANUAL SETUP

3-1 SETUP NETWORK CONFIGURATIONS

Enter the network name. This also called the SSID. The other settings are fixed values.

Attention:

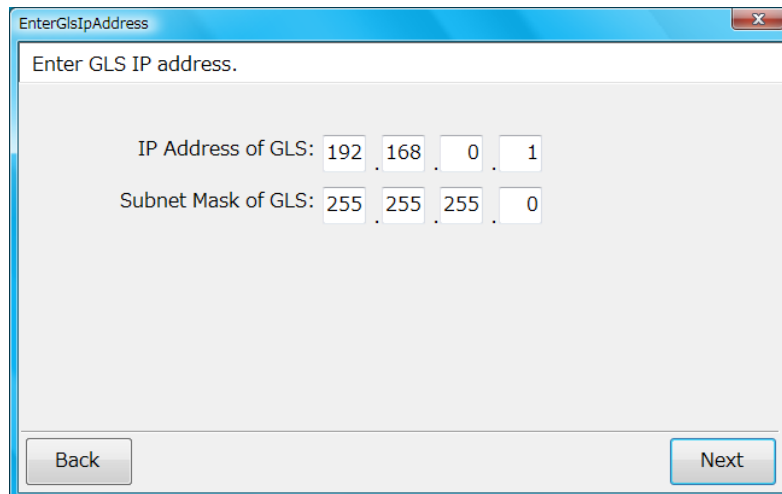
The network name is case sensitive. Upper and lower case characters are treated as different.



The screenshot shows a window titled "SetupNetwork" with a close button in the top right corner. The main text reads "Setup network configuration." Below this, there are four lines of configuration: "Network Name: gls1500" (with "gls1500" in a text input field), "Network Type: Ad-hoc", "Authentication Type: Open", and "Encryption Type: None". At the bottom of the window, there are two buttons: "Back" on the left and "Next" on the right.

3-2 ENTER GLS IP ADDRESS

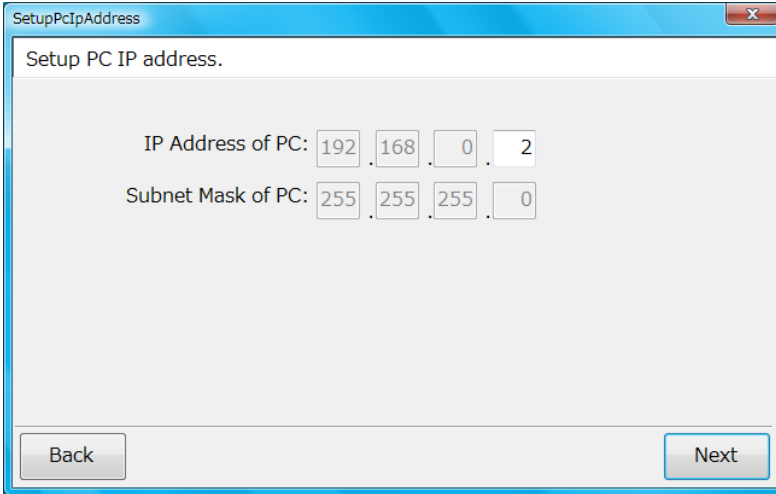
Enter IP address and subnet mask of the GLS.



The screenshot shows a window titled "EnterGlsIpAddress" with a close button in the top right corner. The main text reads "Enter GLS IP address." Below this, there are two lines of input: "IP Address of GLS: 192 . 168 . 0 . 1" and "Subnet Mask of GLS: 255 . 255 . 255 . 0". Each number and dot is in its own small input field. At the bottom of the window, there are two buttons: "Back" on the left and "Next" on the right.

3-2 ENTER PC IP ADDRESS

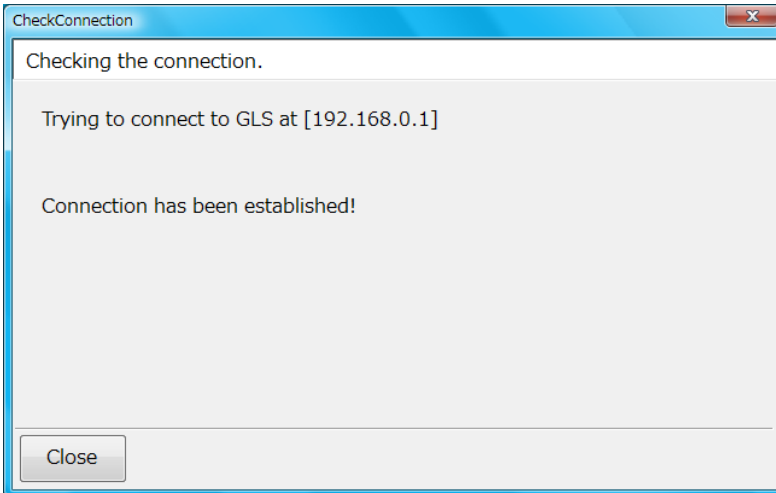
Enter IP address of the PC wireless connection. It must be different values from the settings of the GLS. The subnet mask has already been filled with the settings of the GLS and cannot change it.



The screenshot shows a dialog box titled "SetupPcIpAddress" with a close button (X) in the top right corner. The main text reads "Setup PC IP address." Below this, there are two rows of input fields. The first row is labeled "IP Address of PC:" and contains four text boxes with the values "192", "168", "0", and "2" respectively, separated by dots. The second row is labeled "Subnet Mask of PC:" and contains four text boxes with the values "255", "255", "255", and "0" respectively, also separated by dots. At the bottom of the dialog, there are two buttons: "Back" on the left and "Next" on the right.

3-3 CHECK THE CONNECTION

GlsEasyWlanSetup creates a wireless network connection with specified settings, and tries to connect to the GLS again. If it has finished successfully, click the Close button to exit GlsEasyWlanSetup. It will be able to connect to the GLS with ScanMaster Field.



The screenshot shows a dialog box titled "CheckConnection" with a close button (X) in the top right corner. The main text reads "Checking the connection." Below this, there are two lines of text: "Trying to connect to GLS at [192.168.0.1]" and "Connection has been established!". At the bottom of the dialog, there is a single button labeled "Close".

4. REMARKS

4-1 WHEN IT DOES NOT CONNECT

When establishing of network failed, please try one of followings.

a) Change the Network Name (SSID)

Please try to change the network name (SSID) of GLS, and input the changed name to this program.

b) Change the IP Address of GLS

Please try to change the IP address of GLS, and input the changed IP address to this program.

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