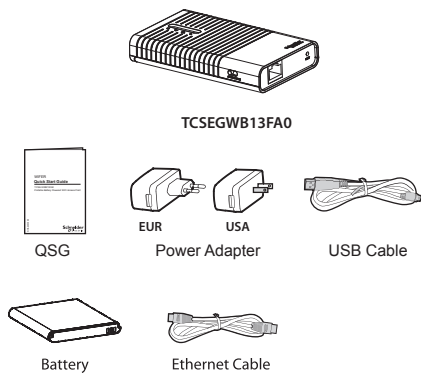


WIFER Quick Start Guide

TCSEGW13FA0
Portable Battery Powered WIFI Access Point
10 - 2014



Package Content



System Requirement

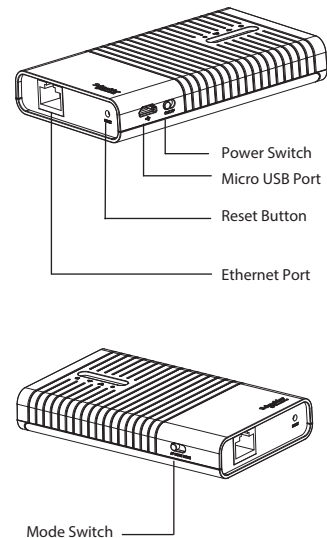
Supported operating system:

- Windows XP
- Windows 8
- Mac
- Windows Vista
- iOS
- Windows 7
- Android

Supported browsers:

- Internet Explorer
- Safari
- FireFox
- Chrome

1.1 Physical Description

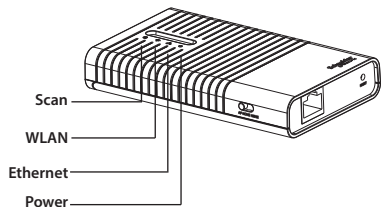


Item	Description
Power Switch	This switch is used to power on the WIFER.
Micro USB Port	This port is used to connected to be the provided power adapter.
Reset Button	With the WIFER powered on, press and hold the Reset button for at least 10 seconds, and then the WIFER will restore to the default setting.
Ethernet Port	This port is used to wire directly a device or through a switch.
Mode Switch	Keep switch at AP mode. Other modes are reserved.



- * **SSID:** SE_TCSEGW_XXXXXX
Wireless Network name
- * **Wireless Password:** Number with 8 digits
Pre-encryption Wireless Password

1.2 LED Description



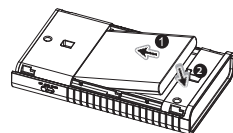
LED	Status	Description
Power	Solid (Green)	The battery is full or the power supply is normal.
	Solid (Orange)	The battery is being charged.
	Solid (Red)	The battery power is low, you need to charge it.
	Flashing (Red)	The battery is abnormal.
Ethernet	Flashing	The Ethernet port is transferring data.
	Off	No device is linked to the LAN port.
WLAN	On	The wireless function is enabled.
	Flashing	There is data being transferred through wireless.
Scan	On	Scan is working and at least one device is detected.
	Flashing	Scan is working and no device is detected.
	Off	Scan is not started.

2.1 Hardware Connection

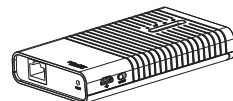
Install the Battery



Slide and remove the rear cover of the WIFER.



Insert and press the battery until it snaps into place.



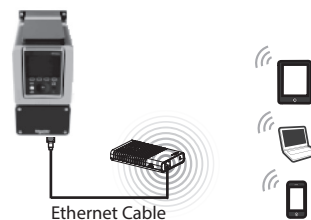
Install the rear cover, push the power switch on.

NOTE: 1. We don't suggest using the device without battery.
2. Low battery may influence the use of the WIFER. Please charge it in time.

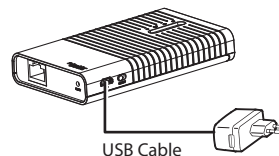
Connect the Device

Access Point Mode

WIFER Access Point Mode gives wire access to an Ethernet LAN using Wireless connection



Charge Battery



2.2 Software Connection

In the following text TCSEGW13FA0 is replaced by WIFER.

Beginner step-by-step quick start for first connection.

Step 1: establish wireless network connection.

1. Keep LAN port open and power on WIFER.
2. Activate your WIFI interface inside your laptop, tablet, ...
3. Check if your (laptop, tablet, ...) device is auto IP setting.
4. Search SSID SE_TCSEGW_XXXXXX : Refer to §3 Connect to Network.
5. Enter the Wireless Password : Refer to §1.1 Physical Description.
6. Launch the connection with SSID SE_TCSEGW_XXXXXX and wait until WIFI connection achieved.


Step 2: access to WIFER WEB site.

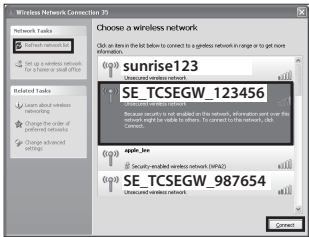
1. Depending on the Browser type, the WIFER WEB site can be automatically opened without more action.
2. If the WIFER WEB site is not opening you can force the browser to open it by entering a simple URL like "www.a.com".
3. If the WIFER WEB site is not again opening you Disable proxy in your web browser.
4. For the first time you open the WIFER WEB site enter:
User Name: admin
Password: admin.

3 Connect to Network

Example of Wireless Network Connection. Make sure your device is wireless enabled.

For Windows XP

- 1 Click the icon  at the bottom of your desktop.
- 2 Click **Refresh network list**, and then select the SSID (wireless network name) of TCSEGB13FAO. Click **Connect**.




For Windows 7

- 1 Click the icon  at the bottom of your desktop.
- 2 Click Refresh button, and then select the target network. Click **Connect**.



For MAC OS

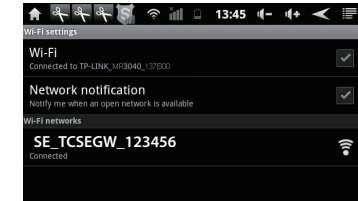
- 1 Click the icon  at the right top of your desktop.
- 2 Make sure the status of Airport is On, and then select the SSID (wireless network name) of TCSEGB13FAO and click it.



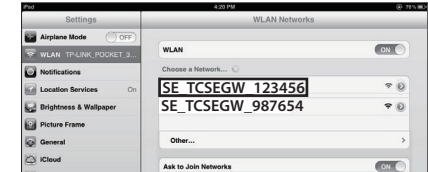
For Tablet/Smart-Phone

Go to the Wi-Fi Settings of your tablet/smart-phone and select the SSID of TCSEGB13FAO.

For Android



For iOS



NOTE: 1. The default SSID of the network is SE_TCSEGW_XXXXXX. (The xxxxxx is the last six characters of the WIFER's MAC address)
2. The pre-encryption function is enabled by default and the default Network key/Security key is the Wireless Password on the label.
You can find SSID and the Wireless Password by refer to §1.1 Physical Description.

Optional Configuration

- 1 First login to the WIFER WEB site. For your comfort and access security it is recommended to :
 1. Set a new User Name and Password personal values: click to System Tools/Password.
 2. Set a new wireless parameters by renaming the default SSID (wireless Network name) and Security Type/Password: click to Wireless/Wireless security.
 3. Save your configuration in a configuration Backup file: click to System Tools/Backup and Restore.
- 2 Embedded DHCP server
 1. WIFER is supporting a DHCP (Dynamic Host Configuration Protocol) server which provides the TCP/IP configuration for all devices connected on LAN and WLAN.
 2. By default the WIFER DHCP server is always activated on WLAN.
 3. By default the WIFER DHCP server on LAN is DISABLED but it can be ENABLED for some specific use cases but this activation can influence the IP configuration of your system. Refer to Troubleshooting 4.
When you want to connect WIFER on existing LAN having already a presence of another active DHCP server, the WIFER DHCP server has to be kept to DISABLED to avoid mismatches of IP addresses configuration in the system.

Troubleshooting

- 1 What should I do when I am not able to connect my laptop, tablet, smart-phone to WIFER using my WIFI?
 1. First Refer to §1.1 Physical Description.
 2. Check the position of the Power Switch.
 3. Check LED Power and read status description.
 4. Check LED WLAN and read status description.
 5. It's MUST to set your wireless device (laptop, tablet, ...) as auto-setting for TCP/IP configuration.
 6. If no more connection to access to WIFER, use a pin to press and hold the Reset Button (Refer to §1.1 Physical Description) for 10 seconds to reset WIFER configuration to factory settings:
 - The default User Name: **admin**
 - The default Password: **admin**
 - The default IP Address: **223.22.23.223**
 - The default Subnet Mask: **255.255.255.0**
- 2 What should I do when I am not able to see discovered devices connected to LAN in the WIFER WEB page "Devices List"?
 1. If Scan LED is OFF: Connect Ethernet cable from WIFER Ethernet port to LAN or Device Ethernet port you want to make a discovery. Check if "Scan" LED is now Flashing and wait some time to have it Solid Green (On): Refer to §1.2 LED Description.
 2. Power LED is Solid Green and Scan LED is never Flashing or in Solid Green state: please change the Ethernet cable and try again to connect with this new cable.
 3. As WIFER is able to detect only IPV4 devices: Check if the Devices you are connected have already an IPV4 configured. If not, configure an IPV4 in the devices or use the WIFER DHCP LAN server: Refer to § Optional Configuration.
 4. If Scan LED is always Flashing and never go in Solid state, (as Ethernet Switches can introduce some limitations of devices discovery due to IP Filtering): Connect LAN Ethernet cable of WIFER closer to the devices you want to discover.
 5. If no more devices discovered: Disconnect the LAN Ethernet cable, use a pin to press and hold the Reset Button for 10 seconds: Refer to §1.1 Physical Description, Restart the Beginner step-by-step first connection sequence: Refer to §2.2.
- 3 What should I do when the WIFER WEB page is not opened when I launch my Browser on my laptop, tablet, smart-phone?
 1. Depending on release version of the OS of your laptop, tablet, ..., the WIFER WEB site is automatically opened as soon as the Web Browser is launched.
 2. But with other OS it could be necessary to enter a simple URL like "www.a.com" in the Browser line to force the Browser to open and show the WIFER WEB site.
- 4 What should I do when I was previously connected to the WIFER WEB site and after a new connection to a new Device, the browser of your laptop, tablet, ... is still disconnected after some time?
 1. This limitation can be due to the release version of the OS of your laptop, tablet, ..., the WIFI connection can keep the previous IP configuration without accepting a new IP reconfiguration on the fly: Close your Browser windows and launch it again. Refer to §2.2 Software Connection Step 2.
 2. If after some time the Web page of the WIFER WEB site is still not refreshed: Deactivate your WIFI connection of your laptop, tablet, ... and activate again to force acceptance of the new IP configuration sent by WIFER.