

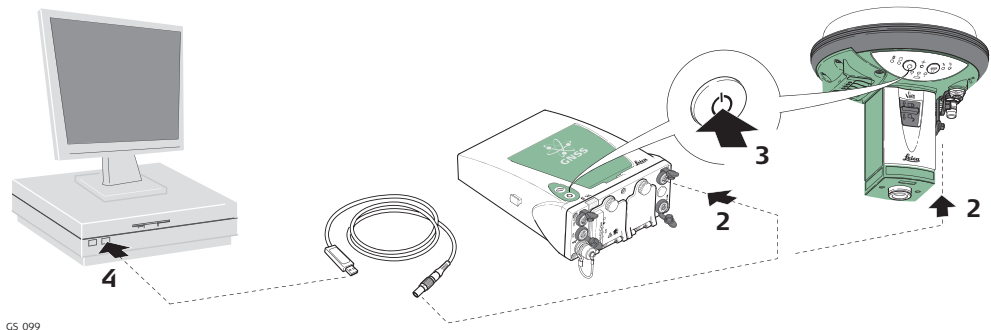


Microsoft ActiveSync (for PCs with Windows XP operating system) or Windows Mobile Device Center (for PCs with Windows Vista or Windows 7/Windows 8 operating system) is the synchronisation software for Windows mobile-based pocket PCs. Microsoft ActiveSync or Windows Mobile Device Center enables a PC and a Windows mobile-based pocket PC to communicate.

Install Leica Viva USB drivers

Step	Description
1.	Start the PC.
2.	Insert the Leica Viva Series USB card.
3.	Run the SetupViva&GR_USB_XX.exe to install the drivers necessary for Leica Viva devices. Depending on the version (32bit or 64bit) of the operating system on your PC, you have to select between the three setup files following: <ul style="list-style-type: none"> • SetupViva&GR_USB_32bit.exe • SetupViva&GR_USB_64bit.exe • SetupViva&GR_USB_64bit_itanium.exe The setup has to be run only once for all Leica Viva devices.
4.	The Welcome to InstallShield Wizard for Leica Viva & GR USB drivers window appears. Ensure that all Leica Viva devices are disconnected from your PC before you continue!
5.	Next> .
6.	The Ready to Install the Program window appears.
7.	Install. The drivers will be installed on your PC. For PCs with Windows Vista or Windows 7/Windows 8 operating system: If not already installed, Windows Mobile Device Center will be installed additionally.
8.	The InstallShield Wizard Completed window appears.
9.	Check I have read the instructions and click Finish to exit the wizard.

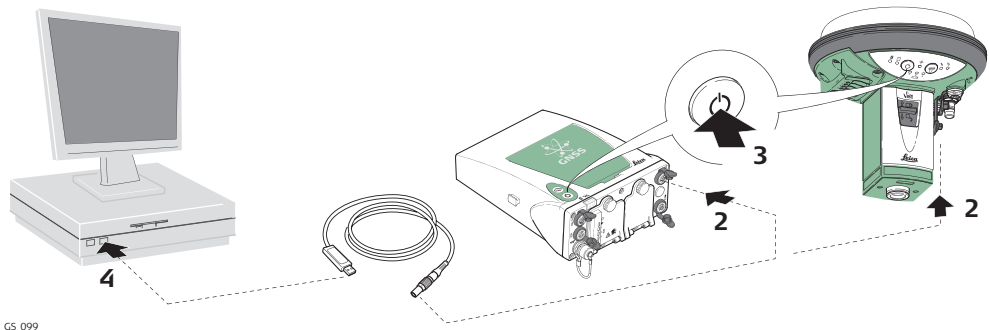
Connect USB cable to PC for the first time step-by-step






GS_099

Step	Description
1.	Start the PC.
2.	Plug the GEV234 cable into Port P1 of the instrument (GS10/GS15).
3.	Turn on the instrument.
4.	Plug the GEV234 cable into the USB port of the PC. The Found New Hardware Wizard starts up automatically.
5.	Check Yes, this time only. Next> .
6.	Check Install the software automatically (Recommended). Next> . The software for Remote NDIS based LGS GS Device will be installed on your PC.
7.	Finish.
8.	The Found New Hardware Wizard starts up automatically a second time.
9.	Check Yes, this time only. Next> .
10.	Check Install the software automatically (Recommended). Next> . The software for LGS GS USB Device will be installed on your PC.
11.	Finish.
	For PCs with Windows XP operating system:
12.	Run the ActiveSync installation program if not already installed.
13.	Allow USB connections inside the Connection Settings window of ActiveSync.
	For PCs with Windows Vista or Windows 7/Windows 8 operating system:
14.	Windows Mobile Device Center starts up automatically. If does not start automatically, start Windows Mobile Device Center.

Connect to PC via USB cable step-by-step




GS_099

Step	Description
1.	Start the PC.
2.	Plug the GEV234 cable into port P1 of the instrument (GS10/GS15).
3.	Turn on the instrument.
4.	Plug the GEV234 cable into the USB port of the PC.
	For PCs with Windows XP operating system:
	 ActiveSync starts up automatically. If does not start automatically, start ActiveSync. If not already installed, run the ActiveSync installation program.
5.	Allow USB connections inside the Connection Settings window of ActiveSync.
6.	Click Explore in ActiveSync.
	 The folders on the CS field controller are displayed under Mobile Devices . The folders of the data storage device can be found in StorageCard .
	For PCs with Windows Vista or Windows 7/Windows 8 operating system:
	 Windows Mobile Device Center starts up automatically. If does not start automatically, start Windows Mobile Device Center.

Description

The Web server is a web-based tool to view the status of and configure the GNSS instruments. The Web server application is integrated into the GS firmware and cannot be deleted.

Accessing the Web server via cable step-by-step


Step	Description
1.	Start the PC and turn on the GS GNSS instrument.  Instead of connecting to your PC, you can connect your GS GNSS instrument to the Leica CS field controller.
2.	Connect the GS GNSS instrument with the GEV234 cable to the PC. Refer to "4.1.6 Connecting to a Personal Computer".
3.	Double-Click the Configure GS connection shortcut from the desktop of your PC. The GS GNSS network adapter is configured with IP address: 192.168.254.1. A DOS window appears when the configuration was successful. Press any key to exit the DOS window. The Configure GS connection shortcut disappears from the desktop.
4.	Start the web browser of your PC.
5.	Type in http://192.168.254.2 and press enter to access the web server of GS instrument.

Accessing the Web server via Bluetooth step-by-step


To access the Web server the tasks following have to be done:



- Configure the PC's Bluetooth device
- Establish a Bluetooth connection between PC and GS
- Accessing the Web server

Configuring the PC's Bluetooth device


Step	Description
1.	Start your PC.
2.	Activate the Bluetooth device of your PC.
3.	Go Start ⇒ Settings ⇒ Network Connections .
4.	Double-click Bluetooth from the LAN or High-Speed Internet device list. The Bluetooth Properties windows is started.
5.	In the General page, select Internet Protocol (TCP/IP) from the list and click Properties . The Internet Protocol (TCP/IP) properties windows is started.
6.	Set IP address: 192.168.253.1 and Subnet mask: 255.255.255.0 and click OK confirm the settings.
	This procedure has to be done only once.

Establishing a Bluetooth connection between PC and GS GNSS instrument

Step	Description
1.	Start the PC and turn on the GS GNSS instrument.  Instead of connecting to your PC, you can connect your GS GNSS instrument to the Leica CS field controller. In this case, turn on the Leica CS field controller, start SmartWorx Viva and establish a Bluetooth connection to the GS GNSS instrument.
2.	Run the Bluetooth software and start the Bluetooth Setup Wizard .
3.	Click Next . The Bluetooth Device Selection will be started and an automatic search will be done.

Step	Description
4.	Select the shown GS GNSS instrument and click Next . The Bluetooth Security Setup is started.
5.	Type in 0000 as Bluetooth security code and click Pair Now . The pairing procedure will be done and the Bluetooth Service Selection is started.
6.	Highlight Personal Ad-hoc Network and check the checkbox for Personal Ad-hoc Network.  Do not select Serial Port as service.
7.	Click Next . The Bluetooth Setup Wizard Completion Page is started.
8.	Type in a name for your GS GNSS instrument and click Finish to complete the Bluetooth Setup Wizard .
	This procedure has to be repeated for every GS GNSS instrument you want to connect to.

Accessing the Web server

Step	Description
1.	Start the web browser on your PC/CS field controller.  Ensure that your GS GNSS instrument is still running and the Bluetooth connection between PC /CS field controller and GS is established.
2.	Type in 192.168.253.2 . The Web server is started. You will see the home functions following: <ul style="list-style-type: none"> • Go to Work! <ul style="list-style-type: none"> - To select and start the Wake-up application. • Current Status <ul style="list-style-type: none"> - To access GNSS information of the GS as well as the instrument firmware. • Instrument <ul style="list-style-type: none"> - To access configuration settings for the GS. • User <ul style="list-style-type: none"> - To upload and activate firmware, licence keys and languages.