

Vernier Go Wireless[®] Link

Order Code GW-LINK

The Vernier Go Wireless Link is a single-channel, wireless interface used to collect data from many Vernier sensors with Bluetooth[®] Smart Ready tablets and other mobile devices.

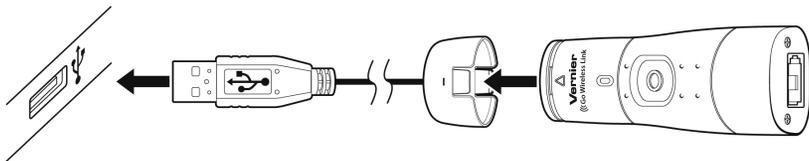


What is Included with Go Wireless Link

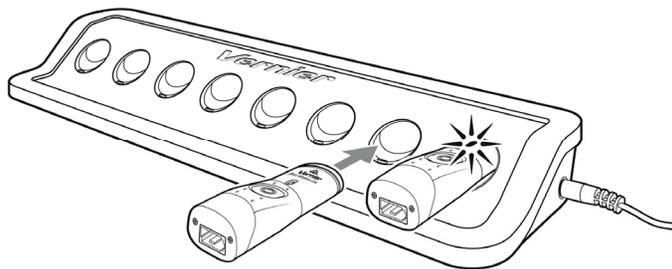
- Go Wireless Link
- USB Charging Cable
- Quick Start Guide
- Graphical Analysis app (free download from the App Store or Google Play)

Charging Go Wireless Link

Connect Go Wireless Link to the included USB Charging Cable and any USB device for 2 hours. An LED on Go Wireless Link indicates charging status. A blue light indicates it is still charging. When the light goes off, it is finished charging.



You can also charge up to eight Go Wireless Link interfaces using our Go Wireless Charging Station, sold separately (order code: GW-CRG). An LED on each Go Wireless Link indicates charging status. A blue light indicates it is still charging. When the light goes off, it is finished charging.



Supported Devices

Go Wireless Link can be used with a supported Bluetooth[®] Smart Ready mobile device* running one of our apps.

- iPad[®] (3rd generation or newer), iPad mini[™], and iPad Air[®]
- iPhone[®] (4S or newer)
- iPod touch[®] (5th generation or newer)
- LabQuest 2 (for support requirements, see www.vernier.com/til/3134/)
- For Android[™] devices, see www.vernier.com/ga-app

Data-Collection Apps

Go Wireless Link can be used with one of the following apps:

- **Graphical Analysis for iOS devices (version 2.3 or newer)**
Available as a free download on the App Store, use this app for advanced data collection and analysis. For more information, see www.vernier.com/ga-app
- **Graphical Analysis for Android (version 2.2 or newer)**
Available as a free download on Google Play, use this app for advanced data collection and analysis. For more information, see www.vernier.com/ga-app
- **LabQuest 2 App (version 2.6 or newer)**
For more information, see www.vernier.com/labq2

NOTE: Vernier products are designed for educational use. Our products are not designed nor are they recommended for any industrial, medical, or commercial process such as life support, patient diagnosis, control of a manufacturing process, or industrial testing of any kind.

Specifications

Resolution	12 bit
Battery	250 mA Lithium Ion battery
Battery life	Varies depending on sensor used
Maximum wireless range	30 m (unobstructed)

How Go Wireless Link Works

Go Wireless Link allows supported Vernier sensors to be wirelessly monitored using a mobile device*. For a complete list of supported sensors, see www.vernier.com/gw-link

Go Wireless Link has one button and three LEDs.

Button

- Press the button once to turn on Go Wireless Link. A red LED indicator flashes when the unit is on.
- Press and hold the button for more than three seconds to put Go Wireless Link into sleep mode. The red LED indicator stops flashing when sleeping and LED light is off.
- Press and hold the button for more than eight seconds to reset the system. This should not be necessary in normal operation.

* For a full list of supported mobile devices, see www.vernier.com/ga-app

Blue LED

Indicates charging status when Go Wireless Link is connected to the Charging Cable or Charging Station.

- On – charging in progress
- Off – charging is complete

Red LED Flashing

Indicates Go Wireless Link is awake and ready to connect.

Green LED Flashing

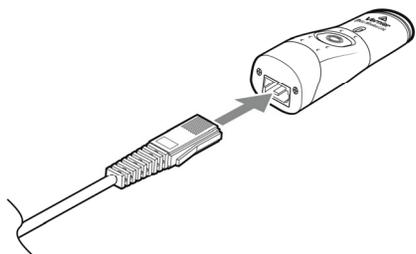
Indicates Go Wireless Link is connected and taking data.

Red and Green LED Off

Indicates Go Wireless Link is in the lowest power sleep mode.

Collecting Data

Connect a compatible sensor to Go Wireless Link. For a list of compatible sensors, see www.vernier.com/gw-link



Collecting Data with Graphical Analysis App

1. Press the power button on Go Wireless Link to turn it on. The LED on Go Wireless Link will flash red.
2. Open Graphical Analysis.
3. Tap Create Experiment and choose Wireless Sensors.
4. Select Go Wireless Link from the list of available sensors. When paired with the software, the LED on Go Wireless Link will flash green.
5. Collect data as desired.

Collecting Data with LabQuest 2 App

1. Press the power button on Go Wireless Link to turn it on. The LED on Go Wireless Link will flash red.
2. Choose New from the File menu.
3. On the Meter screen, choose Go Wireless Setup from the Sensors menu.
4. Select your Go Wireless Link from the list of available sensors. When paired with the software, the LED on Go Wireless Link will flash green.
5. Collect data as desired.

Battery Information

Go Wireless Link contains a small lithium-ion battery in the handle. The system is designed to consume very little power and not put heavy demands on the battery. Although the battery is warranted for one year, the expected battery life should be several years. Replacement batteries are available from Vernier (order code: GW-BAT-250).

Use only the Vernier Go Wireless Charging Cable (order code: GW-CB) or Go Wireless Charging Station (order code: GW-CRG) to charge the battery.

Storage and Maintenance of Go Wireless Link

To store Go Wireless Link for extended periods of time, put the device in sleep mode by holding the button down for at least three seconds. The red LED will stop flashing to show that the unit is in sleep mode. Over several months, the battery will discharge but will not be damaged. After such storage, charge the device for a few hours, and the unit will be ready to go.

Exposing the battery to temperatures over 35°C (95°F) will reduce its lifespan. If possible, store Go Wireless Link in an area that is not exposed to temperature extremes.

Water Resistance

Go Wireless Link is not water resistant and should never be immersed in water.

If water gets into the device, immediately power the unit down (press and hold the power button for more than three seconds). Disconnect the sensor and charging cable, and remove the battery. Allow the device to dry thoroughly before attempting to use the device again. Do not attempt to dry using an external heat source.

Replacement Parts

Vernier Software & Technology

Part	Order code
Go Wireless Charging Cable	GW-CB
Go Wireless Link (interface only)	GW-LINK-NP
Go Wireless Battery	GW-BAT-250

Related Products

Go Wireless Charging Station (order code: GW-CRG)

Multi-unit charging capability for your Go Wireless sensors and interfaces. The Go Wireless Charging Station is the perfect solution for charging and storing your Go Wireless Link. For more information, see www.vernier.com/gw-crg

Go Wireless Link Teacher Pack (order code: GW-LINK-TP)

Includes eight Go Wireless Link interfaces and one Go Wireless Charging Station. For more information, see www.vernier.com/gw-link

Disposal Instruction

When disposing of this electronic product, do not treat it as household waste. Its disposal is subject to regulations that vary by country and region. This item should be given to an applicable collection point for the recycling of electrical and electronic equipment. By ensuring that this product is disposed of correctly, you help prevent potential negative consequences on human health or on the environment. The recycling of materials will help to conserve natural resources. For more detailed information about recycling this product, contact your local city office or your disposal service.

The symbol, shown here, indicates that this product must not be disposed of in a standard waste container.



Warranty

Vernier warrants this product to be free from defects in materials and workmanship for a period of five years from the date of shipment to the customer. This warranty does not cover damage to the product caused by abuse or improper use. The battery is covered by a one-year warranty.

Federal Communication Commission Interference Statement

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.

FCC Caution

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

(1) this device may not cause harmful interference and

(2) this device must accept any interference received, including interference that may cause undesired operation

RF Exposure Warning

The equipment complies with RF exposure limits set forth for an uncontrolled environment. The antenna(s) used for this transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

You are cautioned that changes or modifications not expressly approved by the party responsible for compliance could void your authority to operate the equipment.

IC Statement

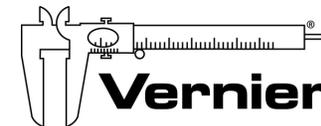
This device complies with Industry Canada license-exempt RSS standard(s). Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

Industry Canada - Class B This digital apparatus does not exceed the Class B limits for radio noise emissions from digital apparatus as set out in the interference-causing equipment standard entitled "Digital Apparatus," ICES-003 of Industry Canada. Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device. To reduce potential radio interference to other users, the antenna type and its gain should be so chosen that the equivalent isotropically radiated power (e.i.r.p.) is not more than that permitted for successful communication.

RF exposure warning: The equipment complies with RF exposure limits set forth for an uncontrolled environment. The antenna(s) used for this transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes : (1) l'appareil ne doit pas produire de brouillage, et (2) l'appareil doit accepter toute interférence radioélectrique, même si cela résulte à un brouillage susceptible d'en compromettre le fonctionnement.

*Cet appareil numérique respecte les limites de bruits radioélectriques applicables aux appareils numériques de Classe B prescrites dans la norme sur le matériel interférant-brouilleur: "Appareils Numériques," NMB-003 édictée par Industrie Canada. L'utilisation est soumise aux deux conditions suivantes: (1) cet appareil ne peut causer d'interférences, et (2) cet appareil doit accepter toutes interférences, y comprises celles susceptibles de provoquer un dysfonctionnement du dispositif. Afin de réduire les interférences radio potentielles pour les autres utilisateurs, le type d'antenne et son gain doivent être choisis de telle façon que l'équivalent de puissance isotrope émis (e.i.r.p) n'est pas plus grand que celui permis pour une communication établie. **Avertissement d'exposition RF:** L'équipement est conforme aux limites d'exposition aux RF établies pour un environnement non supervisé. L'antenne (s) utilisée pour ce transmetteur ne doit pas être jumelée ou fonctionner en conjonction avec toute autre antenne ou transmetteur.*



Measure. Analyze. Learn.™
Vernier Software & Technology

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