

Solinst®

Quick Start Guide

Levellogger App Interface for Android™



High Quality Groundwater and Surface Water Monitoring Instrumentation

Introduction

The Levelogger® App Interface uses *Bluetooth®* wireless technology to connect a Solinst datalogger to an Android™ smart device running Android 4.4 or higher. Please see the list of tested devices on the last page of this quick start guide.

Once the connection is made, you can use the Solinst Levelogger App to interact with the datalogger. The Solinst Levelogger App allows you to view real time data from the connected datalogger, as well as view, download, and e-mail logged readings. You can also program the dataloggers or apply a saved settings file.

The Levelogger App Interface works with the Levelogger Edge, Barologger Edge, Levelogger Junior Edge, LTC Levelogger Edge, Rainlogger Edge, LevelVent, and AquaVent, as well as Levelogger Gold, Barologger Gold, Levelogger Junior, LTC Levelogger Junior, and Rainlogger dataloggers.

Levelogger App Interface

Connection

The Levelogger App Interface connects to the top end of a Levelogger's Direct Read Cable or Adaptor, LevelVent Wellhead, or AquaVent Wellhead Connector Cable.

To connect the Levelogger App Interface, simply hold onto the top end of the Direct Read/Connector Cable/Wellhead, and thread the coupling of the Levelogger App Interface onto the connection. The threaded connection is designed to be stable when installed on a Direct Read Cable or LevelVent Wellhead in a Solinst 2" Well Cap Assembly.

To connect to the Direct Read to Optical Adaptor, thread the Levelogger App Interface to the end of the Adaptor as described above. Line-up the optical eyes and thread the other end of the Adaptor onto the Levelogger. A slip fit version is also available.



Direct Read Cable



Direct Read to Optical Adaptor

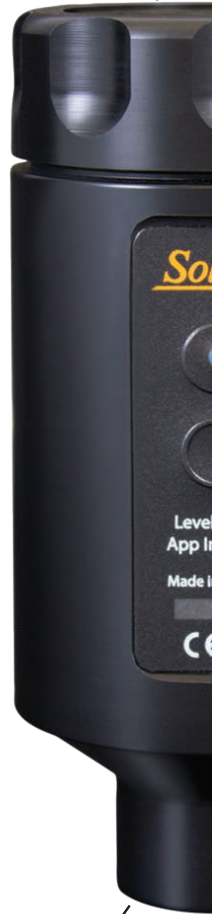


LevelVent Wellhead



AquaVent Wellhead and App Connector Cable

Battery Access



Connection to Direct Read/Connector Cable, Adaptor or Wellhead

Levelogger App Interface Quick Start Guide



Batteries

The Levelogger App Interface operates using four 1.5V AA replaceable lithium batteries (alkaline batteries can also be used). To install or replace the batteries:

- 1) Unscrew the top cap of the Levelogger App Interface to access the battery holder.
- 2) Slowly remove the battery holder from the Levelogger App Interface housing.
- 3) Ensure proper installation (polarity) when replacing the batteries.
- 4) Insert the battery holder back into the Levelogger App Interface housing. Ensure it is lined-up properly.
- 5) Screw the top cap of the Levelogger App Interface firmly back onto the housing.

Power Button and LED Light

Press and hold the power button for 1 second to turn the Levelogger App Interface on. Press and hold the power button for 3 seconds to turn the Levelogger App Interface off. The App Interface will automatically turn off after 10 minutes of inactivity.

The LED indicates the status of the Levelogger App Interface:

- Green light flashing every second: Ready/waiting for a Bluetooth connection to be made from your smartphone device.
- Blue light flashing every 3 seconds: Bluetooth connected/device paired (App is open).
- Yellow light: Levelogger App Interface is turning off while the button is held pressed.
- Red light flashing every 10 seconds: Batteries are low, need replacing.

Using the Levelogger App & Interface

- 1) Download the Solinst Levelogger App for your smart device on Google Play™.
- 2) Connect the Levelogger App Interface to the top end of your Levelogger's Direct Read Cable or Adaptor, LevelVent Wellhead, or AquaVent Wellhead Connector Cable. Press the power button to turn the App Interface on.
- 3) Enable (turn on) Bluetooth on your smart device by going to Settings > Bluetooth. Scan for devices. Pair the Levelogger App Interface to your smart device by selecting it from the list of Bluetooth devices.
- 4) Launch the Solinst Levelogger App and connect to your datalogger.
- 5) Once you are finished programming or downloading your datalogger, disconnect the Levelogger App Interface, and connect to a datalogger at your next monitoring location. The App Interface is not intended for dedicated applications.



Tested on the following devices:

Tablet: Samsung Tab 4 (10.1") - Model SM-T530NU

Phone: Samsung Galaxy S5 - Model SM-G900W8

Phone: Samsung Galaxy S4 - Model SGH-1337M

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