iLogger easy | Quick User Guide

Advanced telemetry and data acquisition system

1. Foreword

Congratulations on your purchase of the iLogger easy (iLE). The iLogger easy represents a new generation of telemetry systems that is fundamentally different from the competition. It records data from multiple sensors while riding for subsequent analysis and evaluation. This is an invaluable tool for improving your riding both for race and road riders. The iLE is the only data acquisition and analyzer that is managed wirelessly via Android and iOS devices, using our free and easy-to-use applications.

Quickly and easily alter settings with a finger tap. Download recorded data instantly, directly after your riding session. Via Wi-Fi, this takes only a few seconds.

For more information on this product, please visit: *www.healtech-electronics.com/iLE*

2. Features

❯ DATA ACQUISITION

The sensors' data is recorded to the large-capacity memory in the module. Hence a constant connection to your smart device is not necessary. The recorded data is subsequently transferred to the smart device via WiFi for analysis.

The other physical element of the system is the high accuracy, high-frequency GPS receiver using an external antenna. The GPS coordinates and the speed data are merged into the captured data stream, meaning that during analysis you get a complete record of status at every stage of the circuit.

The module can record five (5) analogue 0-5V channels (e.g. throttle position, gear position, etc.) and two (2) RPM (pulse) signals (e.g engine speed, wheel speed, etc.). An optional expansion port is also available if you wish to capture more data sources. A configurable output is also available; for instance, the dashboard display LED is controlled via this port.

The iLE can be used with any other HealTech products like the AR Assistant (ARA) and the QuickShifter easy (iQSE), other commonly used racing products.

❯ DATA ANALYZER

The Analyzer is integrated into the iLE app (available for both Android/iOS), so one app offers all features. The recorded data can be displayed as a graph/chart in the Analyzer, plotted against the elapsed time or the distance ridden. There's also a map view, displaying all the data accurately based on the GPS records. The app can also calculate precise lap times; a vital feature for closed course applications.

Previous sessions can be easily compared in the Analyzer. Additionally, the app can compare data recorded on other iLE modules, meaning sessions from different riders are also comparable. No more arguments, now there's solid proof, who was the fastest in that session/track day!

❯ LIVE DASHBOARD FUNCTION

The iLE app also offers a Dashboard function. Use your phone as a real-time display. In this case, a constant connection is required between the iLE unit and the device. You can choose from several dashboard layouts and designs that best suit your style of riding. There's a professional lap timer skin, a comprehensive dash with RPM and gear indication, drag racer mode and more. Let us know if you need a specific skin in the app!

3. Specifications

- Supply voltage: +8V to +20V
- Max. supply current at 12V: 150 mA
- Max. output current: 50mA
- Operating temp: -40°C to +80°C (-40°F to +176°F)
- Reverse polarity and transient protection
- Unit size: 79 x 20 x 51 mm (3.11 x 0.78 x 2 inches)
- Waterproof (IP68)

- Regulatory certifications:

CE FC Ⓡ 210-133697 **SRRC** RoHS

4. Device compatibility / application download links:

➲ iOS devices:
Compatible with iPhone/iPad devices running iOS 11.0 or newer. **To download the latest iLogger easy app scan the barcode or visit the link below:**

https://apps.apple.com/us/app/ilogger-easy-ile/id1550090875

iLE iOS application

➲ Android devices:
Compatible with Android devices running Android 5.0 (Lollipop) or newer. **To download the latest iLogger easy app scan the barcode or visit the link below:**

https://play.google.com/store/apps/details?id=com.healtech.ile

iLE Android application

5. User manual

The complete user manual is embedded into the iOS/Android application and can be accessed directly from the 'Help' section. You may also download the manual in pdf format from the link below:

https://www.healtech-electronics.com/docs/iLE_Manual_en.pdf

iLE User Manual

6. Warranty

HealTech Electronics Ltd. guarantees this product against defects in material and workmanship for a period of two (2) years.

The warranty period starts from the date of the original purchase as shown on the invoice.

HEALTECH ELECTRONICS

Smart Tech for your Ride!