

LR8512 - WIRELESS PULSE LOGGER

Perform Pulse Integration of Vehicle Speed or Flow Rate for Equipment such as Air Conditioners.

Rating: Not Rated Yet
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Manufacturer [Hioki](#)

Description

Overview

Hioki Memory HiLoggers are high-speed data loggers for recording multiple channels of voltage, temperature, resistance or humidity signals, some models providing complete isolation between channels and strong noise resistance. The Hioki LR8512 is a wireless, 2-channel pulse input module that utilizes Bluetooth® technology to either send measured data to the Hioki LR8410 Wireless Logging Station or to an Android (TM) tablet. Data can be downloaded using Hioki's tablet and smartphone app (for Android devices). Search for "HIOKI" and download the Wireless Logger Collector!

Key Features

- For pulse totalization and measuring logical ON/OFF signals or revolutions
- Compact, two-channel model fits where other devices don't
- Download measurement data to a tablet or computer with Bluetooth® wireless technology or capture in real time with the LR8410
- Three-way power (AC adapter, AA alkaline batteries, or external 5 to 13.5 V power supply)
- Store 500,000 data points per channel

Specification:

Functionality	[Used as standalone product (Data collected manually)] Windows PC or Windows tablet (CD-R with software included) Android smartphone or Android tablet terminal (Software can be downloaded free of charge from Google Play.) *Communication range varies with the performance of the computer or tablet (up to a line-of-sight distance of roughly 30 m) [Used as logging module (Real-time measurement)] Device can be used as an LR8410 logging module to record and display data in real time and to control up to 7 units, Communication distance: 30 m
Number of channels	2ch (common GND)

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Measurement items	Integrating (cumulative/ Instant), Revolution, Logic (Records a 1/0 for each recording interval)
Supported input format	Non-voltage "a" contact (always-open contact point), open collector, or voltage input (DC 0 to 50 V)
Measurement range	[Totalization] 0 to 1000 M pulse, Max. resolution 1 pulse, [No. of revolutions] 0 to 5000/n [r/s], Max. resolution 1/n [r/s]
Display items	Measurement value, date, time, number of recorded data, maximum value, minimum value, and average value
Functions	Alarm, Scaling, Recording operation hold function, Erroneous operation prevention, Comment recording function, Power saving function, Authentication function
Recording	[Capacity] 500,000 data items for each channel [Mode] Instantaneous value [Interval] 0.1 to 30 sec, 1 to 60 min, 16 selections
Power source	AC Adapter Z2003 (100 to 240 V AC, 50/60 Hz), AA alkaline batteries (LR6) ×2, External power 5 to 13.5 V DC (can also be supplied from USB bus power, with a conversion cable)
Continuous operating time ([Capacity] 500,000 data items for each channel) (23°C)	2 months (Recording interval of 1 min, Bluetooth® OFF), 14 days (Recording interval of 1 sec, Bluetooth® ON), 5 days (Recording interval of 0.1 sec, during real-time measurement with the LR8410)
Dimensions and mass	85 mm (3.35 in) W × 61 mm (2.40 in) H × 31 mm (1.22 in) D, 95 g (3.4 oz) (excluding the battery)
Accessories	CD-R ×1 (Instruction Manual, Logger Utility, Wireless Logger Collector), Measurement Guide ×1, Caution for Using Radio Waves ×1, AA alkaline batteries (LR6) ×2, Connection cable L1010 ×2