

Wireless Modules Dedicated to LR8450-01 Memory HiLogger

Instruction Manual

EN

Warranty

Warranty malfunctions occurring under conditions of normal use in conformity with the Instruction Manual and Product Precautionary Markings will be repaired free of charge. This warranty is valid for a period of three (3) years from the date of purchase. Please contact the distributor from which you purchased the product for further information on warranty provisions.

Model names

Six different types of wireless modules are available for the LR8450-01.

LR8530	Wireless Voltage/Temp Unit
LR8531	Wireless Universal Unit
LR8532	Wireless Voltage/Temp Unit
LR8533	Wireless High Speed Voltage Unit
LR8534	Wireless Strain Unit
LR8535	Wireless CAN Unit

Introduction

Thank you for choosing the wireless module dedicated to Hioki LR8450-01 Memory HiLogger. The wireless modules can wirelessly communicate with the LR8450-01 by attaching the Z3230 Wireless LAN Adapter. For more information, such as operating precautions and specifications, see the Quick Start Manual and Instruction Manual (PDF) included with the LR8450-01.

Safety notations

This manual classifies seriousness of risks and hazard levels as described below:

 DANGER	Indicates an imminently hazardous situation that, if not avoided, will result in death of or serious injury to the operator.
 WARNING	Indicates a potentially hazardous situation that, if not avoided, will result in death of or serious injury to the operator.
 CAUTION	Indicates a potentially hazardous situation that, if not avoided, could result in minor or moderate injury to the operator.
NOTICE	Indicates potential risks of damage to the supported product (or to other property).

Package Contents

- ☐ LR8530 Wireless Voltage/Temp Unit
- LR8531 Wireless Universal Unit
- LR8532 Wireless Voltage/Temp Unit
- LR8533 Wireless High Speed Voltage Unit
- LR8534 Wireless Strain Unit
- LR8535 Wireless CAN Unit Any one of them
- ☐ Z3230 Wireless LAN Adapter 1
- ☐ Z1008 AC Adapter
- (3-prong grounded-type power cord) 1
- ☐ Mounting plate..... 1
- ☐ Flat-head screw M3×4 mm 2
- ☐ Connection confirmation label (LR8534 only) 1
- ☐ Instruction Manual (this manual) 1

When Sending the Module for Repair

Detach the Z3230 Wireless LAN adapter from the wireless module and pack both of them.

Wireless LAN

The LR8450-01 Memory HiLogger communicates with the Z3230 Wireless LAN Adapter using radio waves within the 2.4 GHz frequency band. No radio station licenses are required; however, make sure to note the following points:

DANGER

- **Do not use the product near any medical devices, including a heart pacemaker.**



Radio waves emitted from the product can cause medical devices, such as a heart pacemaker, to malfunctions, resulting in accidents.

! WARNING

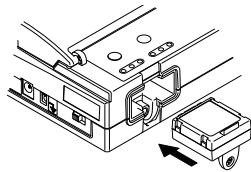
- Do not use the product in the following applications: medical use, nuclear power, aerospace, those involving human lives such as transportation, and those requiring high reliability.
- ❌ Hioki shall not be held liable for any accidents resulting in injury or death or damage to the product (or to other property) caused by use of the product in such applications.

NOTICE

- Do not use the LR8450-01 and its wireless modules near other wireless communications devices that use the 2.4 GHz frequency band.
- ❌ Doing so may cause unstable communications or affect the operation of other devices.
- Install each wireless module (Z3230 Wireless LAN Adapter) within a line-of-sight distance of 30 m from the LR8450-01.
- ! ■ Keep clear of any obstacles, such as a wall and metallic object, between the LR8450-01 and each wireless module.
- Failure to do so may cause unstable communications or shorten a communication distance.

Attaching the Z3230 to the Wireless Module

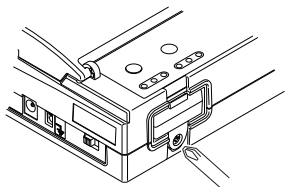
- 1 Turn off the wireless module and disconnect the AC Adapter.
Do not connect any input cables.
- 2 Attach the Z3230 Wireless LAN Adapter to the top side of the wireless module.
Insert the Z3230 as far as it will go.



- 3 Tighten the captive screw of the Z3230.

NOTICE

- Use the captive screw of the Z3230 only.
- ! Using another screw can damage the wireless module.



Mounting the Wireless Module on a Wall

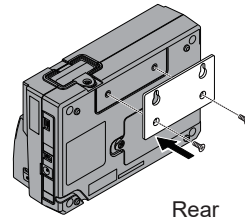
You will need:

Mounting screws M4×8 mm or longer	2
Mounting plate (accessory)	1
Flat-head screws M3×4 mm (accessory)	2
A Phillip's head screwdriver (No. 2).....	1

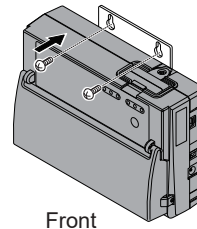
- 1 Secure the mounting plate onto the rear of the wireless module with two flat-head screws (M3×4 mm, accessory).

NOTICE

- Use the M3×4 mm flat-head screws only.
- ! Using other screws can damage the wireless module or cause the wireless module to detach from the mounting plate.



- 2 Secure the mounting plate on a wall with two M4 screws.
- No mounting screws come with the wireless module. Use commercially available screws.
Recommended screws: M4×8 mm or longer



! CAUTION

- Properly secure the mounting plate on a solid wall.
- ! Failure to do so can cause the wireless module to fall, causing an accident resulting in injury or death or damage to the wireless module.