

**LR8410 WIRELESS LOGGING STATION****LR8410-20****LR8410-30****LR8410-91****LR8510 WIRELESS VOLTAGE/TEMP UNIT****LR8511 WIRELESS UNIVERSAL UNIT****LR8512 WIRELESS PULSE LOGGER****LR8513 WIRELESS CLAMP LOGGER****LR8514 WIRELESS HUMIDITY LOGGER****LR8515 WIRELESS VOLTAGE/TEMP LOGGER****LR8520 WIRELESS FUNGAL LOGGER****Precautions Concerning Use of  
Equipment That Emits Radio Waves****電波使用上の注意****Mar. 2023 Revised edition 22****LR8410A982-22****EN/JA**

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Because the instrument incorporates **Bluetooth®** wireless technology, the instrument emits radio radiation.

Use of devices that emit radio radiation requires approval in the country of use.

For the latest information on the usable countries, please visit our website. Use of the instrument in a country or region other than those specified on our website may be subject to penalty as a violation of law.

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**Standards**

EN 300 328  
EN 301 489-1  
EN 301 489-17  
EN 62311

**For Japan**

209-J00232

本製品は、上記番号で技術基準適合証明等を受けた無線モジュールを使用しています。

**For CE**

Hereby, Hioki declares that the radio equipment Model LR8512, LR8513, LR8514, LR8515, LR8520, LR8410, LR8410-20, LR8410-30, LR8410-91, LR8510, LR8511 is in compliance with Directive 2014/53/EU.

The full text of the EU declaration of conformity is available at the following Hioki's website:

<https://www.hioki.com/global/support/download/declaration>

**For the United States**

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.

**FCC CAUTION**

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

The transmitter module must not be co-located or operating in conjunction with any other antenna or transmitter.

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment and meets the FCC radio frequency (RF) Exposure Guidelines. This equipment should be installed and operated keeping the radiator at least 20 cm or more away from person's body.

**For Canada**

This device contains licence-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's licence-exempt RSS(s). Operation is subject to the following two conditions:

1. This device may not cause interference.
2. This device must accept any interference, including interference that may cause undesired operation of the device.

This equipment complies with ISED radiation exposure limits set forth for an uncontrolled environment and meets RSS-102 of the ISED radio frequency (RF) Exposure rules. This equipment should be installed and operated keeping the radiator at least 20 cm or more away from person's body.

L'émetteur/récepteur exempt de licence contenu dans le présent appareil est conforme aux CNR d'Innovation, Sciences et Développement économique 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;
2. L'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

Cet équipement est conforme aux limites d'exposition aux rayonnements énoncées pour un environnement non contrôlé et respecte les règles d'exposition aux fréquences radioélectriques (RF) CNR-102 de l'ISDE. Cet équipement doit être installé et utilisé en gardant une distance de 20 cm ou plus entre le radiateur et le corps humain.

## For China

CMIIT ID: 2013DJ7633 (LR8410-30)  
CMIIT ID: 2013DJ8203 (LR8510)  
CMIIT ID: 2013DJ7634 (LR8511)  
CMIIT ID: 2020DP6937 (LR8514)  
CMIIT ID: 2020DP6938 (LR8515)

1. 使用频率：2.4 - 2.4835 GHz  
■ 等效全向辐射功率(EIRP):  
天线增益<10dBi 时: ≤100 mW 或≤20 dBm  
■ 最大功率谱密度:  
天线增益<10dBi 时: ≤20 dBm / MHz (EIRP)  
■ 载频容限: 20 ppm  
■ 带外发射功率(在 2.4-2.4835GHz 频段以外)  
≤-80 dBm / Hz (EIRP)  
■ 杂散发射(辐射)功率(对应载波±2.5 倍信道带宽以外):  
≤-36 dBm / 100 kHz (30 - 1000 MHz)  
≤-33 dBm / 100 kHz (2.4 - 2.4835 GHz)  
≤-40 dBm / 1 MHz (3.4 - 3.53 GHz)  
≤-40 dBm / 1 MHz (5.725 - 5.85 GHz)  
≤-30 dBm / 1 MHz (其它 1 - 12.75 GHz)
2. 不得擅自更改发射频率、加大发射功率(包括额外加装射频功率放大器), 不得擅自外接天线或改用其它发射天线;
3. 使用时不得对各种合法的无线电通信业务产生有害干扰; 一旦发现有害干扰现象时, 应立即停止使用, 并采取措施消除干扰后方可继续使用;
4. 使用微功率无线电设备, 必须忍受各种无线电业务的干扰或工业、科学及医疗应用设备的辐射干扰;
5. 不得在飞机和机场附近使用。

## For Taiwan

低功率電波輻射性電機管理辦法

第十二條

經型式認證合格之低功率射頻電機, 非經許可, 公司、商號或使用者均不得擅自變更頻率、加大功率或變更原設計之特性及功能。

第十四條

低功率射頻電機之使用不得影響飛航安全及干擾合法通信; 經發現有干擾現象時, 應立即停用, 並改善至無干擾時方得繼續使用。

前項合法通信, 指依電信法規定作業之無線電通信。

低功率射頻電機須忍受合法通信或工業、科學及醫療用電波輻射性電機設備之干擾。

## For Singapore

Complies with  
IMDA Standards  
DA106438

## For United Arab Emirates

TRA  
REGISTERED No:  
ER37658/15  
DEALER No:  
DA37906/15



TRA – United Arab Emirates  
Dealer ID: DA37906/15  
TA RTTE: ER37658/15  
Model: LR8410  
Type: WIRELESS LOGGING STATION



TRA  
REGISTERED No:  
ER37659/15  
DEALER No:  
DA37906/15



TRA – United Arab Emirates  
Dealer ID: DA37906/15  
TA RTTE: ER37659/15  
Model: LR8510  
Type: WIRELESS VOLTAGE/TEMP UNIT



TRA  
REGISTERED No:  
ER37661/15  
DEALER No:  
DA37906/15



TRA – United Arab Emirates  
Dealer ID: DA37906/15  
TA RTTE: ER37661/15  
Model: LR8511  
Type: WIRELESS UNIVERSAL UNIT



TRA  
REGISTERED No:  
ER41478/15  
DEALER No:  
DA37906/15



TRA – United Arab Emirates  
Dealer ID: DA37906/15  
TA RTTE: ER41478/15  
Model: LR8514  
Type: WIRELESS HUMIDITY LOGGER

