

Airwits R2

User Manual

Unlocking the huge potential of mass market IoT

Content

- Warnings
- Installation
- Usage
- Uplink
- Downlink
- Support

Warnings

- MAINTENANCE
 - In case of malfunction, deliver the device to the supplier. Do not open the device.
- TRANSPORTATION
 - Do not remove packing material and do not repack the device unless necessary. Contact the shipping agent before transportation. The device contains a lithium metal battery which contains about 2.1 grams of lithium.
- DISPOSAL
 - Return the device to a disposal station which collects electronics waste and batteries.

Warnings

- OPERATION
 - Protect the device from moist, water, and dirt.

Installation

1. Save the identifier and the key of the device.
 - 1.1 The identifier and the key are on the label on the back cover of the device.
 - 1.2 You can also read the identifier and the key using the QR code.
2. Open the enclosure.
3. Connect the battery pack.
4. Close the enclosure (there is no instructional picture).
5. Attach the device with the double sided tape.



Usage

- If the device has been connected to FoxerIoT platform, you do not need to do anything else.
- Otherwise you must register the device using the identifier and the key of the device at backend.sigfox.com. For further details, please see the documentation of Sigfox.

Uplink

BYTES	DESCRIPTION
1 – 2	Temperature
3	Humidity

Uplink

- Conversion formulas
 - Temperature
 - Humidity

< value > / 10 – 40

(C)

< value > (%)

Uplink

- Example

- Message

0x027132

- Temperature

$0x271 / 10 - 40 = 625 / 10 - 40 = 22,5 \text{ C}$

- Humidity

$0x32 = 50 \%$

Support

- If you need support, please contact the supplier.
- If you do not know the supplier, please contact the manufacturer:
 - Connected Finland
 - support@connectedfinland.fi
 - +358 10 311 5800