



# A data collector device for measuring temperature

## TCL

Ideal for monitoring

- Indoor temperature
- Outdoor temperature
- Utility room temperature
- Cold storage temperature
- Green room temperature

A wide variety of use cases.

Warranty time: 12 months

### Installation

The device can be placed anywhere in the room. Turn on the device by pressing the power switch. Device begins to store measurement data in its memory

### More information

Check out our solution at [ioliving.com](http://ioliving.com) and contact us. We will be happy to tell you more.

### Technical information

Measurements are stored in every three minutes. The device memory size is enough for storing 12 days' measurements. LoRa message is broadcasted in every 13 minutes. Works with two interchangeable AAA lithium batteries. The battery lifetime is 13 months. Protected against splashing water.



### Temperature sensor

Measurement range	-25 °C ... +60 °C
Accuracy	±0.5 °C
Resolution	0.1 °C

### Operating Environment

Temperature	-25 °C ... +60 °C
Humidity	< 97% RH

Protected against splashing water.

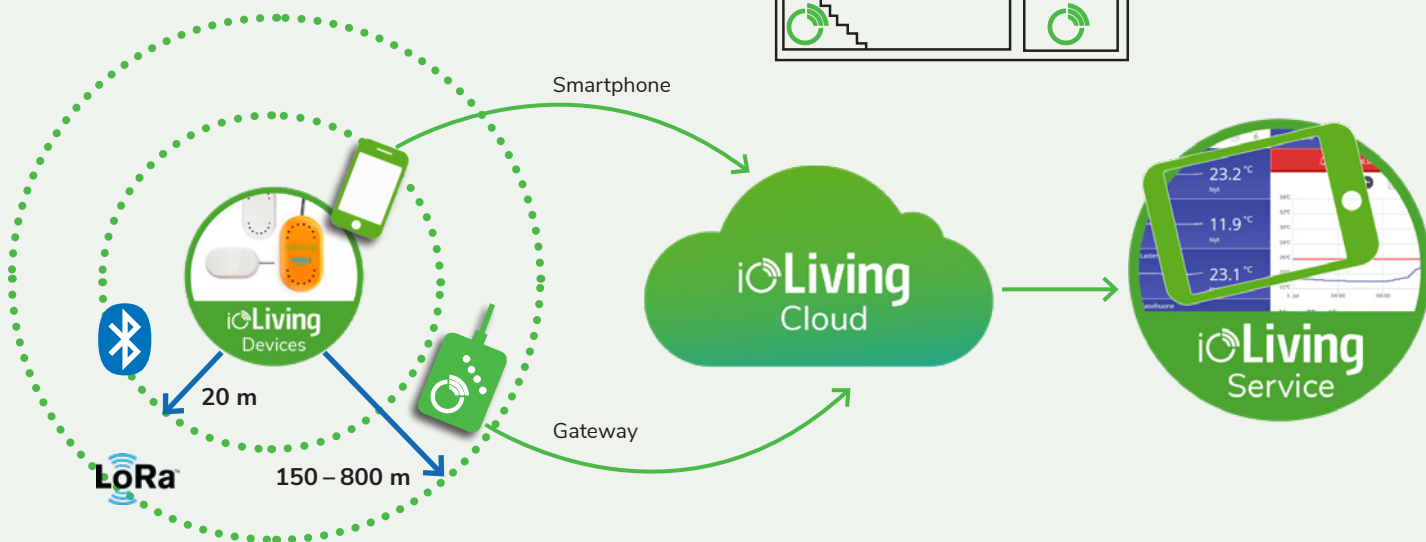
# Solution for knowledge management

**The ioLiving solution enables constant measurements, real-time monitoring of the measurement results and application-specific advanced properties through an illustrative user interface.**

Information can be continuously analyzed and utilized regardless of time and place. Top-quality sensors and innovative data communication solutions can transfer data even under very challenging conditions. The ioLiving solution is cost-effective, enables true knowledge management and adds intelligence to the process.

## How the solution works

Place the data collection devices in the planned locations. Turn on the device by pressing the power switch. Devices begin to store measurement data in their memory. The data is transferred by smartphone and / or gateway to the Internet.



## Data transfer via smartphone

An Android or iOS phone or tablet computer transfers even long-term stored data from the data collector device to the ioLiving cloud web service.

## Data transfer via gateway

Gateway transfers continuously data from wider area and several devices directly to the ioLiving cloud service.

## Monitor and analyze the measured data

Measured data is monitored, analyzed and shared via a web browser. The price of the device includes the ioLiving Handy smartphone application and basic web services. You can activate your device and give it an illustrative name and color. The measured data is seen in real time.

Additional application-specific features are activated with a separately purchased license code. With the license you can see e.g. measurement data over a longer period, allowing you to keep track of changing conditions and trends. Ask more about solution.

