

ThermoZig BLE



ThermoZig BLE is a professional equipment designed for in-situ measurements of thermal transmittance (U-value) through the use of a Bluetooth Low Energy sensors network. By using this wireless network, ThermoZig can operate with a large number of low power measurement nodes making the system scalable and adaptable to meet the customer needs.

The wireless communication makes the probes easy to fix on the elements under test avoiding the hassle of the cables laying. In addition, the flexibility of the system allows for measurements on more elements at the same time, reducing the time needed for the test.

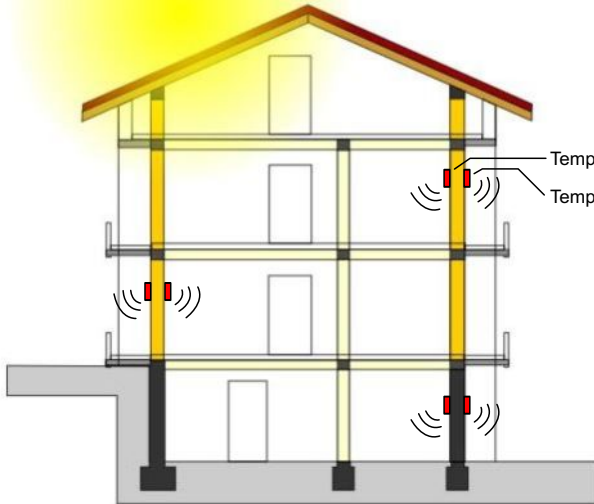


- U-value displayed on your smartphone
- Wide range of measurement nodes with high-performance sensors
- Automatic creation of pdf documents (test reports)
- High memory capacity (over 500000 samples for each node)
- Low cost

The system is extremely simple to put into operation; you can remotely start, monitor or stop a measurement session by using your smartphone. Alternatively each session can be automatically started at power-on and at the end measurement data can be downloaded via USB. By using Ucalc software, you can easily obtain a complete technical report with graphs and numerical values in accordance with ISO 9869.



ThermoZig



Temperature + Heat Flux wireless node (FE02-3C + RM02)

Temperature wireless node (FE02-2A + RM02)



Thermozig: a powerful system for in-situ measurement of U-values of building elements

Ordering codes:

Code	Name	Description
8802615	TZ_BLE	Thermozig BLE
8802616	TZ_BLE_LT	Thermozig BLE Light (1)

Code	Name	Description
8802535	CB02	Battery charger/USB interface for RM02
8802712	FE02-2A	Front End with 2 channels (CH1: temperature, CH2: temperature)
8802707	FE02-3C	Front End with 3 channels (CH1: heat flux, CH2: temperature, CH3: temperature)
8802220	RM02	2 x Radio Modem RM02 with rechargeable battery
3200409	-	2 x Node Box (black)
3200311	-	Clips for sensors mounting
8800028	-	AC power supply
5001307	-	Reference Manual
5001322	-	User's Guide
5200002	-	Software Dataget + Ucalc
3200282	-	Carrying case



The detailed characteristics of each device are shown in the respective data sheets.

(1) Light version consists of a single measurement node equipped with a heat flux sensor, indoor temperature sensor and outdoor temperature sensor with cable length of 6m.



Under a policy of continuous improvement, OptiveloX reserves the right to make unannounced changes to the specifications of the products described in this document.

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