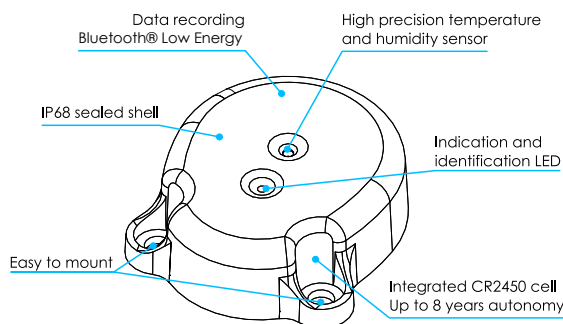
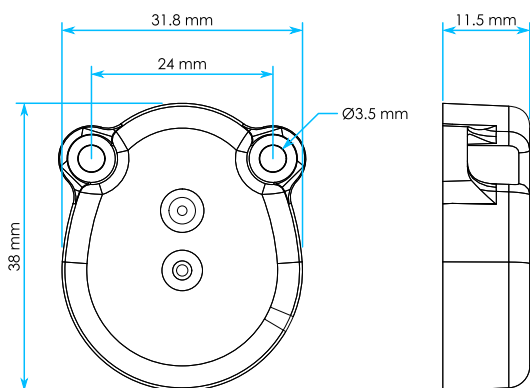


Compact Bluetooth® module for secure temperature and humidity recording

Typical applications :

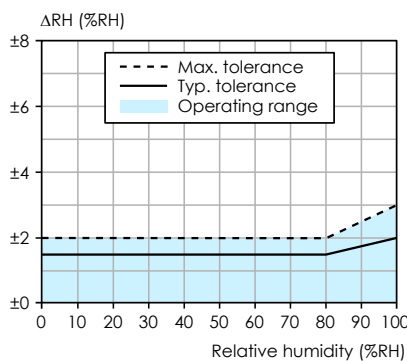
- Transport and storage of perishable goods (food, wine, tobacco, etc.)
- Transport of sensitive goods (medical, biological, etc.)
- Storage of precious objects (furniture, paintings, instruments, etc.)
- Wireless measurement in sealed containers (laboratories, R&D, etc.)

ref : THEye TH-2 P Performance version



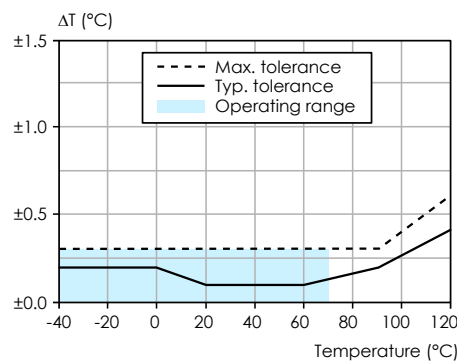
Humidity

Range : 0% to 100% RH
Accuracy : Typ. $\pm 1.5\%$
Max. $\pm 2\%$ (0% – 80%)
Max. $\pm 3\%$ (>80%)
Resolution : 0.06%
Drift <0.25%RH/yr



Temperature

Range : -40°C to +70°C
Accuracy : Typ. $\pm 0.1^\circ\text{C}$ (20°C – 60°C)
Max. $\pm 0.3^\circ\text{C}$ (-40°C – 70°C)
Resolution : 0.09°C
Drift : <0.03°C/yr



Dimensions / Battery / Standards

- Width : 31.8mm
- Length : 38mm
- Height : 11.5mm
- Button cell : CR2450 (non replaceable)
- IP 68, CE

Autonomy

Autonomy (with a 540mAh battery) :

- 3.5 years with one measurement per second
- 8 years with one measurement every 10 seconds

Recording capacity :

Temperature on 11 bit, res 0.09°C / Humidity on 11 bit, res 0.06% :

- Min. 172'000 Temperature / Humidity points.
→ 120 day history with one measurement per minute.

Operating temperature :

- -40°C +70°C

Communication

Bluetooth® 5 LE

Application

Secure application for temperature and humidity graphs
« THEye Controller » available for download.

by FiveCo