The HOTH

Temperature and Humidity Sensor

The HOTH is a battery powered temperature and humidity sensor.
It is produced by LightFi Ltd

SPECIFICATIONS

DETECTION

Sensors	Temperature, Relative Humidity (RH)
Units	°C % RH
Range	-40 °C to +70 °C 0 % to 100 % RH
Resolution	±0.1 °C ±1 % RH
Accuracy	±1 °C ±2 % RH
Sampling rate	100ms to 5000ms

POWER

Battery	2 x AAA FR03 Li-Fe battery
Capacity	1100 mAH
Lifetime	5 years

DATA OUTPUT

Type	Wireless, 2.4GHz radio
Range	Up to 100m (unobstructed)
Protocol	Bluetooth Low Energy
Integration	Received by LightFi's Air app for viewing on line data

PHYSICAL

Dimensions	71 x 38 x 18 mm	2.8 x 1.5 x 0.71 in
Weight	43g	1.5 oz
Ingress protection	IP65
Mounting	Double sided adhesive
Material, colour	ABS plastic, matt white
Interface	1 LED (internal) and 1 button, for power
Certification	CE, FCC, ROHS

OPERATIONAL ENVIRONMENT

Temperature	-40 °C to +70 °C	-40F to 158F
Humidity	IP65 waterproof