



LoRaWAN Sensor Device

Infrared Thermometer / Surface Temperature



Sensors

Optris OPTCSTCLT 15

Range:

-20 ... 80 °C for ambient temperature

-40 ... 1030 °C for object temperature

Accuracy:

±1.5 % or ±1.5 °C

Optical Resolution: 15:1

Repeatability: ±0.75 % or ±0.75 °C

Spectral Range: 8 ... 14 μm

1m cable (longer cable on request)

Supply

Internal battery 2 x C-type

Integrated sensor supply

LoRaWAN specifics

Device class A

Over the air activation (OTAA)

Adaptive data rate (ADR)

Frequency bands:

EU868 MHz (EU Version), US915MHz (US Version),
or AU920 (Australia Version)

Input Sensitivity: -148 dBm (EU Version)

Operating conditions

-30°C to 60°C

100% RH

Weight

250g w/o batteries

Dimensions

LoRaWAN sensor device: 80 x 135 x 70 mm

Enclosure

Weatherproof, impact and UV- resistant polycarbonate enclosure

Dimensional drawings (only enclosure)

