



1. TECHNICAL SPECIFICATIONS

Accuracy is given as [% of reading + degrees] at reference temperature 18 ± 24°C ; < 80%.UR

Infrared measurement

Feature	Range	Resolution	Accuracy	Response time
°C	-50°C ÷ -20°C	0.1°C	±5.0°C	<1s
	-20°C ÷ 200°C		± (1.5%rdg + 2.0°C)	
	200°C ÷ 538°C		± (2.0%rdg + 2.0°C)	
	538°C ÷ 1000°C		± (3.5%rdg + 5.0°C)	
°F	-58°F ÷ -4°F	0.1°F	±9.0°F	<1s
	-4°F ÷ 392°F		± (1.5%rdg + 3.6°F)	
	392°F ÷ 1000°F		± (2.0%rdg + 3.6°F)	
	1000°F ÷ 1832°F		± (3.5%rdg + 9.0°F)	

Spectral response :

8 ÷ 14µm

D/S ratio:

50:1

Emissivity range:

0.10 ÷ 1.00

Sensor:

thermopile

Sighting:

Laser marker <1mW (class 2)

2. GENERAL SPECIFICATIONS

Display:

backlight LCD Display.

Auto power off:

ca. 7s

Over range indication:

"OL" or "-OL".

Low battery indication:

"⚡" indication

Alarm thresholds:

High and Low limits

Features:

Data HOLD, MAX/MIN/DIF/AVG

Power supply:

1x9V battery type IEC6F22, or NEDA1604.

Battery life:

approx. 50hours (laser pointer and backlight turn off).

Operating temperature:

0°C to 50°C (32°F to 104°F).

Operating humidity:

below 80%RH.

Operating altitude:

up to 2000m

Storage temperature:

-10°C to 60°C (14°F to 140°F).

Storage humidity:

below 70%RH.

Dimensions (LxWxH):

100x56x230mm

Weight (included battery):

ca. 290g

