

Calibration Report: Pyrometer (Infrared Radiation Thermometer)

S/N: 14565

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Summary

Conformity date: 2022 Jul 7

Next Calibration date: As needed

A data sheet of Pyrometer (also known as an Infrared Radiation Thermometer or IRT), S/N: 14565 has been provided and conforms to the data indicated in the specifications stated on the following pages. It was performed on 2022 July 7 by Wintronics Inc., located in Millington, NJ.

Instrument Specifications:

Manufacturer: Heitronics

Model: KT15.85

Serial Number: 14565

Lens Type: K6

Application: We use Campbell Scientific (CS) hardware and Loggernet CS software.

1 DATA SHEET

Device type KT15.85 IIP

Base data

Serial number..... 14565
Spectral range..... 9.6 - 11.5 μm
Temperature range..... -100 °C – 200 °C
Lens..... K8
Spacer.....
Detector type..... A
Serial interface..... RS232
Code..... 6116

General configuration

Calibration factor..... 1.4302
Emissivity..... 1.000
Response time..... 1 s

Configuration analog output

Output signal..... 0 – 20 mA
Temperature range..... -100 °C – 200 °C

Configuration serial interface

9600 Baud, 8 Data, 1 Stop, No Parity
System-Handshake: Hardware (RTS/CTS)
Acknowledge: Off

Options

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Accessories

EasyConfig

Others

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Hereby It is confirmed that the Infrared Radiation Thermometer specified above
conforms to the data indicated in the specifications.

Tester: *Herrnfelder*

Wiesbaden, *07.07.2022*

1-1

DATA SHEET

ED05-196

HEITRONICS Infrarot Messtechnik GmbH

FOV Diagram KT19/KT15; SP_85 ; Det. A

