Docume	ent Title:	Part #		
IRT Infrared Thermometer		183	18304	
	Installation Instructions	Release Date:		
		3.13.2	2020	
Rev	Description	Revision By	Date	
00	Created file	LAJ	2.15.2019	
01	Update Europe support email address	LAJ	9.20.2019	
02	Added trademark to logo	CSC	3.13.2020	

### **Production Filename:**

http://publications.metergroup.com/Quick%20Start%20Guides/18304 IRT Print.pdf

## Working filename:

/Volumes/GoogleDrive/Shared drives/Product Number Library/18300-18399/18304

**Dimensions**: print size 8.5" wide x 11" tall, cut in half, final size is 8.5" wide x 5.5" tall

Colors: CMYK/Full color 4/4

**Printer:** In-house printing

Material: Card stock, Bright White, 216 g/m<sup>2</sup> (folding cardstock)

Finishing: NA

Image below is for reference only. Not to scale.



# INFRARED THERMOMETER (IRT) INSTALLATION INSTRUCTIONS

18304-0 3.13.202

### **METER**

## Preparation

Inspect and verify components are intact. Installation will require a 31.8- to 50.8-mm (1.25- to 2-in) diameter mounting pole and a mounting bracket. Before beginning installation, consider the surroundings and avoid obstructions.

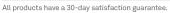
Set up and test the system (sensors and data loggers) in a lab or office. Ensure the data loggers are using up-to-date firmware and software. Check the following locations for firmware and software updates:

ZL6 metergroup.com/zl6-support

metergroup.com/environment/articles/buy-browse-meter-legacy-data-loggers

Read the IRT specifications and manual at metergroup.com/irt.

Measurement Range	Accuracy	Half Angle	
−30 to +65 °C	±3 °C when sensor body within 20 °C of target temperature	SI-411 22°, SI-421 18°, SI-431 14°, SI-4H1 32° horizontal, 13° vertical	





#### Installation

Mount the sensor to get the desired field of view (FOV). For help in calculating the FOV, use the calculator from Apogee found at apogeeinstruments.com/irr-calculators. Plug the sensor cable into the data logger. Use data logger software to apply appropriate settings to the sensors plugged into each data logger port. Gather and secure the cables to the mounting pole in one or more places to relieve strain on the connections.

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