

Document Title: IRT Infrared Thermometer Installation Instructions		Part # 18304	
		Release Date: 3.13.2020	
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/m² (folding cardstock)

Finishing: NA

Image below is for reference only. Not to scale.



**INFRARED THERMOMETER (IRT)
INSTALLATION INSTRUCTIONS**

18304-02
3.13.2020

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
Other 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

All products have a 30-day satisfaction guarantee.



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.

METER Group, Inc. USA
2365 NE Hopkins Court, Pullman, WA 99163
T +1.509.332.2756 F +1.509.332.5158
E info@metergroup.com W metergroup.com

NORTH AMERICA
E support.environment@metergroup.com
T +1.509.332.5600

EUROPE
E support.europe@metergroup.com
T +49 89 12 66 52 0