INFRARED THERMOMETER (IRT) INSTALLATION INSTRUCTIONS

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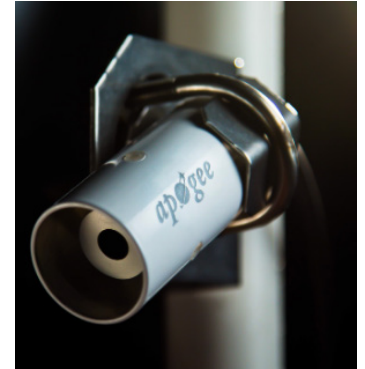
Read the IRT specifications and manual at metergroup.com/irt.

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.