



ECRN-100 HIGH-RESOLUTION RAIN GAUGE INSTALLATION INSTRUCTIONS

METER

Preparation

Inspect and verify that ECRN-100 components are intact. Installation will require a mounting pole with a 31.8- to 50.8-mm (1.25- to 2.00-in) diameter. Before beginning installation, consider the surroundings and avoid obstructions. Many installations require weather stations to be mounted 2 m above ground, but this can be adjusted as needed.

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/environment/products/zl6/#support
Other metergroup.com/environment/articles/buy-browse-meter-legacy-data-loggers/

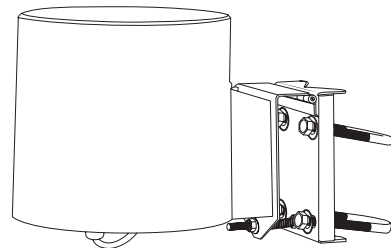
Read the ECRN-100 specifications at metergroup.com/ecrn-100.

Resolution	Volume per Tip	Rainfall per Tip
1 tip	4.02 mL/tip	0.2 mm

All products have a 30-day satisfaction guarantee.

Installation

Use the ECRN-100 bracket to mount the rain gauge to the mounting pole at the desired height. Use a wrench to tighten the bolts, securing the rain gauge to the pole. Ensure that it is level (using the bubble level). 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. Relieve strain on the connections and prevent loose cabling from being inadvertently snagged by gathering and securing the cables between the ECRN-100 and the data logger to the mounting pole in one or more places.



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