

RAIN GAUGE & TIPPING BUCKET

Rainfall Measurements are essential for hydrological models and risk monitoring.

UTILITY AREA

- Hydrology
- Forestry
- Agriculture
- Disaster Control



The IRG02, is a tipping-bucket rain gage. It measures rainfall in 0.01 in. increments. The IRG02 funnels precipitation into a bucket mechanism that tips when filled to its calibrated level. A magnet attached to the tipping mechanism actuates a switch as the bucket tips. The momentary switch closure is counted by the pulse-counting circuitry of our data loggers.

The IRG02 is specially calibrated to achieve a high level of accuracy at lower rainfall intensities. Proper application depends on local rainfall characteristics and rainfall return frequencies of interest. For higher accuracy at higher rainfall intensities,IRYA recommends the IRG02

SPECIFICATION

Range	0-999 mm Daily
Resolution	0.1 mm
Accuracy.....	± 4%
Output signal.....	Counter channel
Signal element....	Sealed reed switch
Cable.....	10 meter signal pair instrumentation cable
Material	ABS Plastic
Rain collector.....	8.75" diameter x9.5" (16.5cm x 24cm)
Weight.....	1kg