

Tipping Bucket Rain Gauge

METEOROLOGICAL SENSOR
DATASHEET

Balaji HydroMet TBRG is designed to meet WMO and IMD requirements for precipitation measurements. Easy to deploy, it provides high precision with minimum maintenance. The Perfect Rain Gauge for Professionals and Research Use. The resistant and beautifully designed sensor has a linearised pulse output for high accuracy and easy connection to any external data loggers. Winter-fit models and in general a long durability is guaranteed by weatherproof materials.

- Single device or part of an automatic weather station
- Very reliable, Tipping bucket Measurement
- high-quality material
- Easy installation
- Connectable to any pulse input data logger manufacturer in the world. Also connected with Balaji HydroMet data such as compact datalogger and modest series datalogger.



SENSOR - VIEW

PROFESSIONAL LINE	SPECIFICATION
Model	BHM-S-TBRG-200
Rain Gauge Material	Aluminium Power Coated paint / chromed nickel
Rain Gauge Diameter	159.6 mm
Standard	As per WMO and IMD collection area
Mechanics	Tipping Bucket
Bucket Resolution	0.20 mm or 0.50 mm or 0.254 mm (user selectable tell us before purchase)
Accuracy	±3 % @ 100 mm/ hour
Capacity	Unlimited
Output	Switch closure / pulse output
Collection Area	200 CM ² / WMO and IMD standard
Design	Aerocon remove the wind effect
Rim	Chamfered Edge Rim made of Gun Metal
Temp Range	0 to 70°C, unheated
Weight	Approx. 2.25 KG
Mounting	26 mm diameter at the bottom of the rain gauge for pole fitting
Mounting pole	Cost extra (optional)
Wire	2 meter extra available on demand

APPLICATION - VIEW

- Hydrology
- General rainfall monitoring
- Rainfall distribution and intensity
- Remote monitoring
- Leachate/run-off monitoring
- Ecological studies
- Agriculture
- Climate change studies

