

# 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
<b>Model</b>	<b>BHM-S-TBRG-5"</b>
<b>Rain Gauge Material</b>	ABS
<b>Rain Gauge Diameter</b>	127 mm or 5"
<b>Standard</b>	As per WMO and IMD collection area
<b>Mechanics</b>	Tipping Bucket
<b>Bucket Resolution</b>	0.20 mm or 0.254 mm (user selectable tell us before purchase)
<b>Accuracy</b>	±4 % @ 100 mm/ hour
<b>Capacity</b>	Unlimited
<b>Output</b>	Switch closure / pulse output
<b>Collection Area</b>	127 CM <sup>2</sup>
<b>Design</b>	Aerocon minimize the wind effect and increase the Rain collection
<b>Temp Range</b>	0 to 70°C, <b>unheated</b>
<b>Weight</b>	Approx.
<b>Mounting</b>	1" width SS strip at the bottom of the Rain Gauge
<b>Mounting pole</b>	Cost extra (optional)
<b>Wire</b>	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

