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Product Name :
Automatic Rain Gauge Tipping Bucket Precipitation

Product Code :
LBNY-0002-840003



Description :

Automatic Rain Gauge Tipping Bucket Precipitation

Technical Specification :

Automatic rain gauge (Tipping Bucket) Precipitation

Type: Tipping bucket, Self-emptying

Collecting Area: 200 cm² or greater

Intensity: 0 to 700 mm/hr

Sensitivity/Resolution: 0.2 mm

Accuracy – Intensity: $\pm 5\%$ or better

Accuracy – Accumulated: $\pm 5\%$ or better

Output Signal: Switch close/open

Operating Temperature: 0°C to 60°C

Housing Material: UV resistant and non-corrosive materials (e.g., galvanized or paint coated iron is not acceptable)

Wind Shield: Standard non corrosive Alter Shield

With Base plate: Standard non corrosive Alter Shield (Will be included on the top of the shelter)

Ancillary Equipment

At every surface, a hydrological monitoring station is installed a staff gauge plate to read manually the water level values. Other ancillary equipment regards a smart-phone monitoring system.

The staff gauges are used as redundant water level measurement in case of failure of the electronic equipment and as field reference, enabling the field observer to verify and compare manually the value displayed at the logger with the value observed at the staff gauge plate and verify that there are no errors (field data quality

control).

The following paragraphs illustrate the main technical characteristics of the ancillary equipment to be provided.



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