



AUTOMATIC RAINFALL RECORDING SYSTEM

ARR - Series

ABOUT:

The ARR-200 is a 200mm diameter 0.2mm, 0.5mm or 1.00mm Tipping Bucket Rain Gauge complete with Calibration Certificate. Telemetry System – GSM including: AL-131 316 enclosure with sloping roof and insect meshed ventilation and mounting brackets

FEATURES:

- Resolutions are available in 0.2mm 0.5mm and 1.0 Accuracy: 0-250mm per hour +/-2% and 250-500mm per hour +/-3%
- Range 700mm per hour
- Enclosure Powder-coated aluminium
- Base Powder-coated aluminium
- Pivots Ground sapphire pivots with hard stainless steel shaft
- Bucket Material, available in painted brass OR chrome plated ABS

APPLICATIONS:

- Use for Real Time Data Acquisition where GSM packet data service is available and application is for non-critical purposes.
- Use with Emalte Enterprise, SCADA and Cloud based eagle.io
- Can be used where radio not feasible. Modem operates primarily on GSM but automatically swaps to BGAN data service if the GSM service fails - requires combined GSM Data and Satellite

TIPPING BUCKET TYPE:

EM-TB-200-2

Tipping Bucket Rain Gauge 0.2mm bucket For Meteorological purposes

EM-TB-200-5 Tipping Bucket Rain Gauge

0.5mm bucket For General Purpose

EM-TB-200-10

Tipping Bucket Rain Gauge 1.0mm bucket For Flood Warning

EM-TB-200-MB

Mounting Bracket with levelling bolts Fits 2" BSP threaded Pipe

EM-TB-DL100

Mini Data Logger, battery and cable Fits inside EM-TB-200

SPECIFICATIONS:

- CR310 Data Logger with Program and Ethernet Port.
- HS TB4 0.2mm Rain Gauge and brackets Enclosure – SS with rain hood
- Lightning rod and grounding
- Solar power 20W panel and bracket, solar regulator
- RV50 GSM Ethernet Modem
- Antenna and bracket
- Co-axial Cable and connectors
- Surge arrester
- Calibration certificates for rain gauge Manuals and documents
- Data radio frequency to be specified Combined GSM Data and Satellite for GS3

Provide full details of your rainfall monitoring requirements and we will tailor engineer the most appropriate system for you.