



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.