



Rain Gauge MR400-04



MR400-04 Rain sensor is a hydro-Meteorological measuring instrument, Used to measure rainfall and convert rainfall into pulse signal output. Insect-proof net design to prevent clogging of the nozzle, built-in level bubble. The detector can be used in meteorology, hydrology, agriculture, forestry, field monitoring stations, etc. industry. With the data recorder, it can monitor the rainfall, rainfall intensity, rainfall timelength to measure.

Features

- Small size, easy to use.
- High precision and good stability.
- The rain inlet is designed with a filter to prevent leaves And debris such as insects get into the rain sensor to work.
- Well made with little resistance.
- Housing is made of high-strength ABS material.
- The sockets have insect nets.

Applications

- Weather monitoring
- Hydrological monitoring
- Natural Disaster Monitoring
- Agricultural Meteorology
- Climate research
- Weather station
- Crop monitoring.

Specification

Parameter	Technical Indicators
Rain bucket	Diameter : φ 200mm , Height : 271mm
Measured rainfall intensity	Maximum : 4mm/min
Allowable rainfall intensity	Maximum : 8mm/min
Resolution	0.2mm
Accuracy(2mm/min)	$\pm 4\%$
Maximum load voltage	30VDC (Impulse output)
Maximum load current	20mA
Output	Impulse (@10k Ω &0.01uF) , RS485 (12-24VDC Power supply)
Operating Temp. (無凝結)	0-60°C @0%-100%RH
Material	Rain Gauge Buckets and Tipping Buckets : ABS , Support bracket : 304SS
Weight (Net)	2kg