

General Description

The Tipping Bucket rain Gauge is designed to provide reliable, low cost rainfall monitoring. Every time the increments of precipitation is funneled down and filtered into the tipping bucket assembly, the magnet closes momentarily a switch giving a digital pulse. It can connect to the data logger or counter and data acquisition system for water resource management and environmental monitoring e.g. monitoring and early warning for landslide.

TW-210S is manufactured from stainless steel in order to guarantee its durability.



Specifications

Sensing Type	Tipping Bucket
Size	290 mm dia x 490 mm high
Receiving Collector Diameter	200±6 mm
Resolution	0.5 mm, 0.2mm
Accuracy	≤ 3 % to 240mm/hr
Operating Temperature	0°C ~ +50°C
Contacts	Type: Single Reed-Switch Rating: ≥ DC 300V Duration: 0.1 Second
Housing & Stand	S304 stainless steel