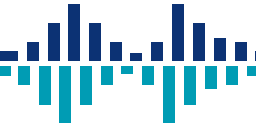


# Rain Gauge



## WxRG-160

**WxRG-160** is Tipping Bucket Rain Gauge and Precision Weather Instrument for measuring rainfall volume.



The gauge is designed in the form of funnel covered with 204 mm-diameter screen, when the rain flows into the funnel, it goes into the triangular tipping bucket, and when the water amount reached 0.2mm, it is tipped and activates the closed reed switch, transmitting the pulse signal output to the Data Logger or the any interface.

When the bucket is tipped, overflown water is drained through dump hall to the ground.

### Specifications

Measuring Method	Tipping bucket
Material	Rim : Hard coated brass / Body : Stainless Steel 27
Range	Infinite
Resolution	0.2 mm
Accuracy	$\pm 1\%$ ( 0 ~ 75 mm/h ) / $\pm 3\%$ ( 75 ~ 250 mm/h )
Collector Diameter	204 mm ( 8 inch )
Switch type	Reed Switch
Switch closer time	< 10 msec
Wind Shield	Optional