

260-2501-A Tipping Bucket Rain Gauge

The **Model 260-2501-A Tipping Bucket Rain Gauge** was designed for the National Weather Service to provide a reliable, low-cost tipping bucket rain sensor. It has been updated and improved with the addition of an inner funnel to even the flow of rainfall into the gauge, providing better accuracy at higher rainfall rates. Its simplicity of design assures trouble-free operation, yet provides accurate rainfall measurements. The tipping bucket mechanism activates a sealed reed switch that produces a contact closure for each 0.01" or 1 mm of rainfall (other calibrations available). The gauge has an 8" orifice and is manufactured of powder coated and anodized aluminum. The funnel screen prevents debris from entering the gauge. Shipped complete with mounting legs and 25' of signal cable.

Specifications

Sensor type: Tipping bucket
 Output: 0.1 second switch closure
 Switch: Sealed reed switch
 Sensitivity: 1 tip per 0.01", 1 tip per 1 mm (other calibrations available)
 Accuracy: $\pm 2\%$ up to 2"/hr
 Contact rating: 3 watts, 0.25 amps, 24 Vdc
 Size: 8" dia x 14½" high
 Mounting: 3 legs, ¼" diameter bolt holes on 9½" diameter bolt circle
 Weight/shipping: 3.5 lbs/5 lbs

Ordering Information

260-2501-A	8" Tipping Bucket Rain Gauge, 0.01"/tip, incl 25' cable
260-2501M-A	8" Tipping Bucket Rain Gauge, 1 mm/tip, incl 25' cable
260-2501M-A.2	8" Tipping Bucket Rain Gauge, 0.2 mm/tip, incl 25' cable
260-2501M-A.25	8" Tipping Bucket Rain Gauge, 0.25 mm/tip, incl 25' cable
260-2501M-A.5	8" Tipping Bucket Rain Gauge, 0.5 mm/tip, incl 25' cable
330-0220	Additional Signal Cable, per foot
260-2595	Rain Gauge Calibrator
260-2597	Pocket Size Digital Event Counter
260-2501MB	Rain Gauge Side Mounting Bracket
260-950	Rain Gauge Mounting Plate
260-952	Rain Gauge Wind Screen, 24" legs
260-955	Wind Screen Mounting Kit



260-2501-A Rain Gauge with 260-950 Mounting Plate



260-2501-A Rain Gauge with 260-2501MB Side Mounting Bracket