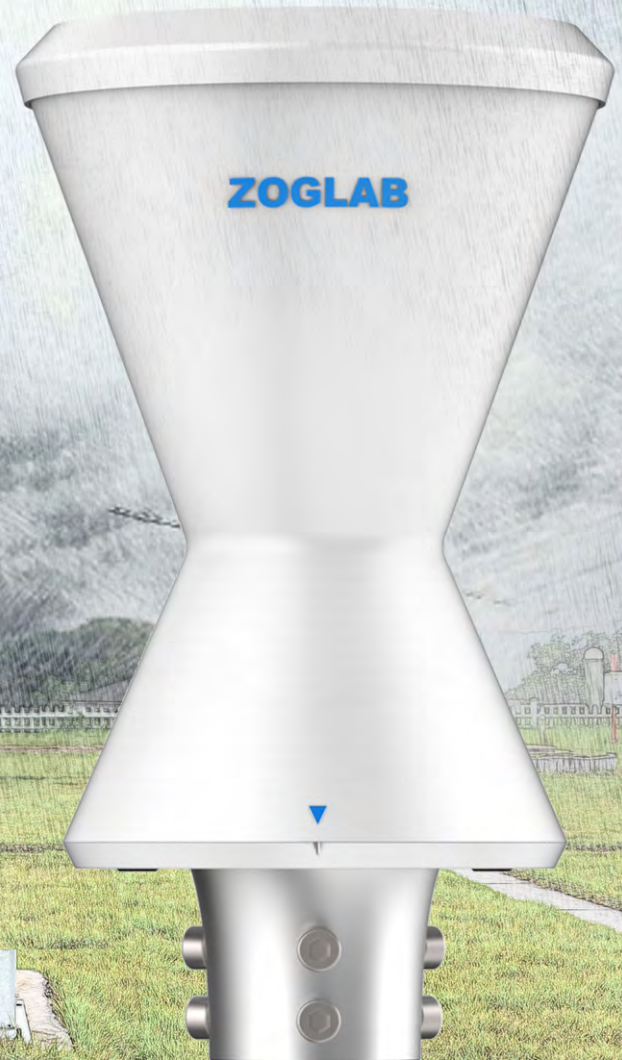


ZOGLAB

- Compact design and small size with rain collecting area of 200cm²
- Measurement range of precipitation intensity is 0 ~ 4mm / min
- Measurement resolution up to 0.1 mm
- Output signal supports switch signal, RS485, Bluetooth (configured additional wireless module)
- Rainfall tipping bucket with precision ceramic blade design Never rust
- Unique aero-cone design can reduce the wind effect on precipitation measurement.



RG100 Rain Gauge

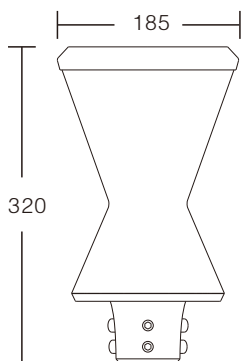
Rg100 Rain gauge uses a new generation of tipping bucket technology with a precision ceramic blade design, the measurement resolution can reach to 0.1mm, maximum allowable error is $\pm 0.4\text{mm}(\leq 10\text{mm})$. Meanwhile its output signal can directly connect to data collector system through switch signal, RS485, Bluetooth (configured additional wireless module). With the rain collecting area of 200 cm², it can be widely used in areas of meteorology, hydrology, agriculture and forestry.

Rg100 rain gauge has a small and delicate appearance, with the unique aero-cone design, can reduce the wind effective area and efficiently reduce the wind speed influence on precipitation measurement.

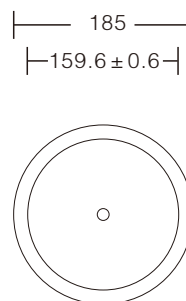
Technical Specification

Rain collecting area	200cm ² (ϕ 159.60 \pm 0.6mm)
Resolution	0.1mm
Rain intensity measurement range	0~4mm/min
Maximum allowable error	\pm 0.4mm(\leq 10mm); \pm 4% (> 10mm)
Environmental temperature	0~60°C
Output	Select 1: switch signal, electric current<0.5A, on resistance Select 2: RS485, power:0.5W,5–24VDC, support AT protocol instruction set
Pulse width	\geq 30ms
Material	aluminum alloy
Total weight	1.3kg
Instrument size:	Rain gauge: 185mmx185mmx320mm Diameter of mounting base: ϕ 50mm
Certification	CE

Dimensions (mm)

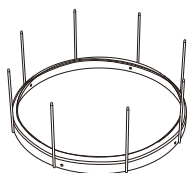


Side view

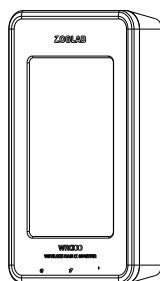


Top view

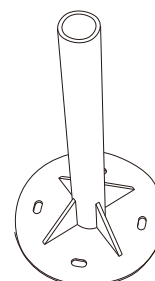
Optional accessories



Bird sting



WRC 100 Bluetooth rainfall collection module



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