



# LoRaWAN Sensor Device

## Tipping Bucket Rain Gauge



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### Sensors

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Rain gauge dimensions: 18 cm dia. x 30 cm high  
Catchment Area: 200 cm<sup>2</sup>  
Resolution: 0.1 mm per tip  
Accuracy: 2% up to 25 mm/hr, 3% up to 50 mm/hr

Catchment area of 200 cm<sup>2</sup> and measurement resolution of 0.1 mm meet the recommendations of the World Meteorological Organization (WMO).

5m cable, longer cable on request

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### Supply

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Internal battery 2 x C-type  
Integrated sensor supply

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### Weight

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250g w/o batteries

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### Enclosure

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Weatherproof IP67, impact and UV- resistant polycarbonate enclosure

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### LoRaWAN specifics

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Device class A  
Over the air activation (OTAA)  
Adaptive data rate (ADR)  
Frequency band: 868 MHz (EU Version)  
Input Sensitivity: -148 dBm

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### Operating conditions

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-30°C to 60°C  
100% RH

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### Dimensions

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80 x 135 x 70 mm

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Dimensional drawings (only enclosure)

