



Industrial Tipping Bucket Rain Sensor 304SS





1. Technical Specifications

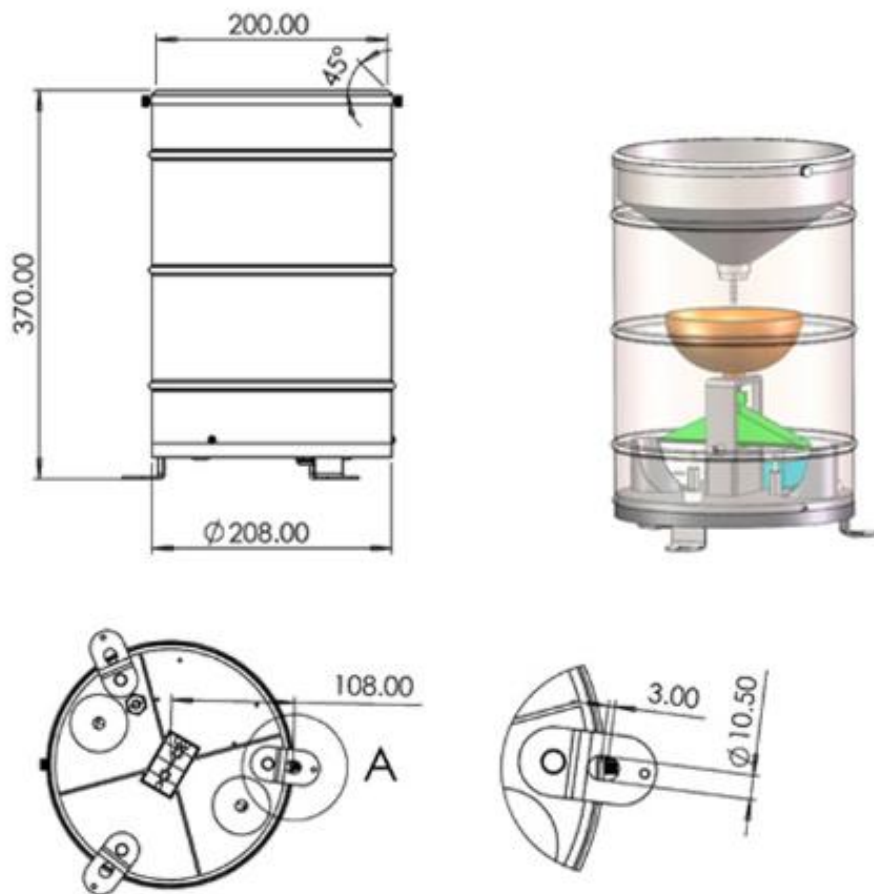
1. Power Supply: DC12V
2. Power Consumption: 0.02 W
3. Operating Environment: 0 ~ 50 °C
4. Communication Interface: RS485
5. Maximum Power Consumption: 0.048 W (4 mA DC12V)
6. Minimum Data Interval: 0.5 s

2. Sensor Parameters

Item	Parameter
Rain-gauge Cylinder Diameter	Φ200 mm
Operating Temperature	0 ~ 50 °C
Operating Humidity	<95 % (non-condensing)
Measurement Error	≤±2 %
Resolution	0.2 mm
Rainfall Intensity Range	0 ~ 4 mm/min; maximum allowable passing rainfall intensity: 8 mm/min
Heavy-rain Intensity Range	0 ~ 10 mm/min; maximum allowable passing rainfall intensity: 15 mm/min
Output Mode	Modbus-485

3. Product Dimension Drawing

Note: Drawing scale: 2:5 for partial view A; 1:5 for tipping-bucket rain-gauge bucket.



Fix the size of the hole position

Local View A
Ratio 2 : 5