



Built-in ZETA wireless transmission module, detect the soil temperature and humidity, nutrient level.

Features

Excellent sensitivity @-132dBm
Easy to deploy & Low power consumption
OTA upgrade supported

Electrical Characteristics

Power supply	3.3-5V
Standby current	<3uA
Working current	<80mA
Tx power	15dBm
IoT protocol	ZETA
Working band	Default 470-490MHz
Detection	Moisture :Dry, Wet, Super Wet
Sensor life	>2 years (depends on using environment)
Measurement range	5% moisture – fully saturated soil
Calibrates	Self-calibrates to all type of soils

Target Applications

Soil temperature/ moisture detecting.

Physical Characteristics

Physical size	89*44*17mm
Materials	ABS
Antenna	Spring-loaded

Operational Environment

Working Temp	-20°C ~ 60°C
Storage Temp	-40°C ~ 85°C

Notice

1. Install the soil moisture sensor in a location representative of the zones that the sensor is controlling.
2. Bury the soil moisture sensor in an area of average water distribution between two sprinkler heads and place it on the centerline between sprinklers.



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