

sTag LoRa Asset

IoT Infrastructure



sTag LoRa is a small size LoRaWAN tracker that can be used for indoor and outdoor positioning, for building construction, logistics tracking or other asset tracking.

The device is drop proof, abrasion resistant, waterproof and resistant to other harsh usage environments. It integrates GPS positioning, Bluetooth positioning, WiFi positioning and supports a variety of working modes. Equipped with a 2100mAH capacity battery pack with a lifetime of approximately 2 years under typical use scenarios (e.g. twice GPS positioning one day, 3 minutes each positioning)

sTag LoRa Asset can be mounted by screws, double sided adhesive tape, magnetic suction , etc., and is suitable for most applications.

Features

Product Code	50.100008.014
Communication Standard	LoRaWAN V1.03
LoRaWAN Frequency	EU868/AU915/US915/AS923/IN865/KR920/EU433/CN470/CN779/RU864
Memory	4M FLASH
TX Power	Max 21dBm
Sensitivity	-137dBm@SF12 300bps
Communication Distance	Up to 7 km in urban open space
Material	ASA + PC
Bluetooth® (BLE)	5.0
BLE TX Power	Max 8 dBm
BLE Communication Distance	Up to 50m in free space
Other built-in sensors	3-axis accelerometer
Battery	1*AA ER14505M 2100mAh Replaceable battery
Operating Current	< 180mA
Sleep Current	< 12uA
Operating Environment	Temperature: -40 °C to ~70 °C Humidity: 5% - 95%
Protection	IP67
Size	51.6mm×94.6mm×22.8mm