

ST730

Sigfox Portable Asset Tracking Device



Product Description

The IP65/66 compliant ST730 device is a battery-powered mini-asset tracker utilizing GPS, WiFi and sigfox technology that can be used for a broad range of asset management and tracking functionality.

In addition to the standard 3-axis accelerometer, the ST730 offers incremental capabilities such as ultra-low-power battery consumption and motion sensing. Designed to fit environments where space can be a premium, the reduced size ST730 can be installed easily and safely without concern of removal or accidental dislodging. The extended Battery offers a multi-year capability for prolonged use in environments where access to power is not available.



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Key Features

- Location Tracking: GPS/WiFi/LBS
- Wifi-fence
- Geo-fence
- Sensors: Accelerometer, Hall/Magnetic and Temperature
- SOS message
- Jamming Detection
- LED Functions: Sigfox, GPS, WiFi and Charging status
- Supports Auto Sleep Mode



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SigFox Frequency	RCZ2 Tx 902.200MHz, Rx 905.200MHz,
	RCZ4 Tx 920.800MHz, Rx 922.300MHz,
WiFi Network	WiFi B/G/N Support
	2.4GHz only
Power Consumption	Sigfox mode in Rx: 17mA
	Sigfox mode in Tx: 200mA @ 22.5dBm
	WiFi mode: 12mA / GPS mode : 40mA
	Sleep mode: 15uA
Power Consumption	Once a day reporting: 1,415 days
	10 minute reporting: 389 hours
Power Supply	Rechargeable 4.2V, Li-Polymer 1500mAh
SigFox Output Power	RCZ2/4 22dBm Class 0 certified
LED Status Indicator	Sigfox, GPS, WiFi, Charging status
Motion Detection	Built-in 3-axis Acceleration sensor
PC Sync Track	USB cable
User Interface	Power Button, SOS Button
	Charger Adaptor, Charger Cable
Housing Dimension	75.0(W) x 50.5(L) x 22.5(T) mm
	88.3(W) x 55.9(L) x 35.6(T) mm (with magnetic holder)
Weight	78g (without holder) / 190g (with magnetic holder)
Operational Temperature Range	-20°C ~ +60°C *
Certificates	FCC, Sigfox

* Please pay a full attention that vehicle shall NOT be left under direct sunlight long time in hot weather. There is a risk of battery explosion in hot temperature.



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