

TA255 Series

4G Solar Asset Tracker



Up to 22400 mAh Battery



WiFi/BLE Communication



IP67 Water Resistant



FOTA for Configuration



Magnetic Installation

Specifications



Physical specification	Dimensions of the tracker (excluding the charging cover)	71 mm × 95 mm × 27 mm (L × W × H)
	Outer case material	ABS
Power	Operating voltage	3.7V
	Minimum current in sleep mode	0.29mA
	Built-in battery (optional)	3200 mAh/3.7V
	Charging voltage	Magnetic charging: 5.5 V/2 A Charging by using a battery box (I/O cable): 11.4–60 V
GNSS	Solar charging current	Charging the tracker by using a solar panel: MAX 70 mA Charging a battery box by using a solar panel: MAX 100 mA
	GPS mode	Support GPS, BD and Glonass; support dual-mode combination configuration Support LBS+WIFI assisted positioning
	Positioning accuracy	2.5 meters
	Tracking sensitivity	-162dBm
Bluetooth	GSM/GPS antenna	GSM (internal FPC antenna), GPS (internal ceramic antenna)
	Specification	Compliant with Bluetooth 5.0/4.2
WiFi	Specification	802.11 b/g/n. Frequency: 2.4 GHz.
Interface	LED indicator	Green LED indicator showing the GSM signal Blue LED indicator showing the GPS signal Red LED indicator showing the charging status
	Dual sim card	Dual card single waiting, Nano-sim and E-sim (reserved)
	USB	Micro-USB
	Memory	8 MB flash
Operating environment	Operating temperature (built-in battery)	-20 °C to 60 °C
	Storage temperature (exclude battery)	-40 °C to 80 °C
	Water resistance rating	IP67
Function	Sensor	3-axis accelerometer (used to determine whether the tracker vibrates, is moving, or stops moving) Drop detection sensor
	Scenarios	Installation alert or drop alert Solar charger Attachable battery box Round or polygonal geo-fence alert Low power alert for a battery box Cornering report Speeding alert Heartbeat report Impact detection Harsh cornering detection Harsh acceleration and braking detection Real-time location query, tracking by time interval, or tracking by distance
	.Time Synchronization	GNSS , NITZ
	Firmware update	FOTA, USB upgraded
	Configuration	Meitrack Manager (USB), MT Manager+ APP (Bluetooth), MS03 Platform, FOTA, SMS
	TA255E	EGPRS: 850/900/1800/1900Mhz Cat M1/Cat NB2: LTE-FDD: B1/B2/B3/B4/B5/B8/B12/B13/B14 (Cat M1 only) / B18/B19/B20/B25/B26/B27 (Cat M1 only) / B28/B66/B71 (Cat NB2 only) /B85
	TA255L-E	GSM:850/900/1800/1900MHZ LTE-FDD:B1/B3/B5/B7/B8/B20/B28
TA255L- AU	GSM:850/900/1800/1900MHZ LTE-FDD:B2/B3/B4/B5/B7/B8/B28/B66	

IP67



Container Shipping



Waste Management



Car Rental



Pallet Tracking

+86(755)83462818

www.meitrack.com

info@meitrack.com

Accessories



Standard Accessories



TA255 Series tracker

MUST CHOOSE ONE OF TWO KITS



Magnetic charging cover & cable & power adapter



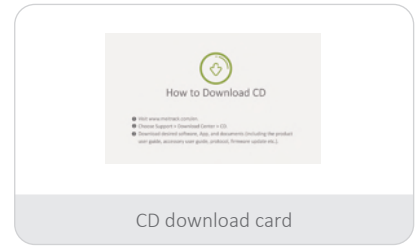
Power cover



L wrench



Hexagon screw



CD download card

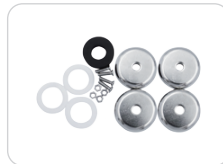
Optional Accessories



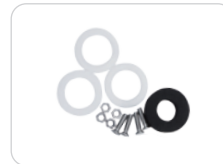
Battery box



Battery



TA255 magnet kit



TA255 magnet installation kit



Bluetooth temperature and humidity sensor



Bluetooth temperature and humidity sensor



Bluetooth beacon



Bluetooth beacon



Fuel level sensor (analog input voltage)



Digital temperature sensor



Bluetooth ultrasonic fuel sensor (range 100cm)



Bluetooth ultrasonic fuel sensor (range 250cm)



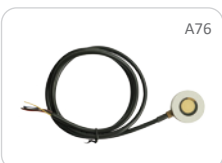
Relay(12/24V)



iButton reader



RFID reader



Ultrasonic fuel level sensor (range 400cm, None AD analog output)



Ultrasonic fuel level sensor (range 400cm)