## TOPFLY Bech

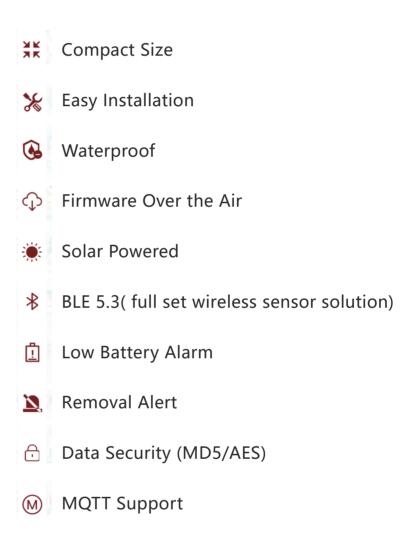
## **PROFESSIONAL SOLAR POWERED ASSET TRACKER**

SOLARX 120 is a professional solar powered asset tracker with high grade solar panel for wide ranging applications

# LTE & GSM SOLARX 120 46

LTE CAT 1 and GSM assets tracking devices for wide ranging applications





#### **Certificates(Planned):**

FC CE 💩 TDRA 🞽

\*Please reach out to us if you need any certificates in particular

#### Standby Time

#### UNLIMITED STANDBY TIME (WITH PROPER SETTING) CLICK/SCAN FOR MORE CALCULATION:

https://www.topflytech.com/en/battery-life-calculator/



**Battery Life Calculato** 







**Freight Transport** 



🏫 www.topflytech.com

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+86-755-26060058

in TOPFLYtech

### SolarX 120 SPEC

ITPE TDD Carl:::R94489699496494     GMS 3505007:000 MIX     Data Transmission     UTFETDD Max (MMos)::G31, Max: Most (G1); GMSS Specifications     GMSS Chipset   All::n=One GMSS Receive:     GMSS System   GPS - Goursa - Boldu + Callico +Q2SS     Receiver type   47 tracing / 47 soulditors - channel GMSS receive:     Sensitivity   Receiver system     Horizontal Position Accuracy   Auto-compositive 2 m CFP     Horizontal Position Accuracy   Auto-compositive 2 m CFP     Chross and Data Transmission   Type C contractor     Network, GMSS Antenna   Therenal only     LED Indicator   Network, GMSS and Battery     Touch button   For Renove Alort     For Renove Alort   Yes     Wiff   2.4 G1: 2 S2116 (Rk)     Sin Card   Yes     Wiff   2.4 G1: 2 S2116 (Rk)     Sin Card   Taxes reporting     Tracker Configuring   Type C contextor     Tracker Configuring   Type C contextor     Matery Alore Alort   Yes     Wiff   2.4 G1: 2 S2116 (Rk)     Sin Card   Taxe S2117 (Rk)     Tacker Configuring   Type C contextor	Network Specifications		
CHE TDDAke2.9 MAR2.3 MAR2.1 MUpp. (U.).     GNSS Specifications     GNSS Specifications     GNSS System   CFS + Ucroars = Bedica + Callien = -Q2SS     Receiver type   -47 tracing / 47 acculations - charnel GNSS receive     Sensitivity   Acquisitions - H728*m Tacking - H6208*m Mara repairtions     Horizontal Position Accuracy   Autonomous < 2 m CEP     Chart Horizontal Position Accuracy   Autonomous < 2 m CEP     Chart Horizontal Position Accuracy   Call start + 286 Mar rear - C2S     Horizontal Position Accuracy   Call start + 286 Mar rear - C2S     Chart Horizontal Position Accuracy   Call start + 286 Mar rear - C2S     Horizontal Position Accuracy   Call start + 286 Mar rear - C2S     Interfaces   Interface - 130 dBm with (without) Easy     LED Indicator   Network, GNSS and Batzery     Touch Datton   For Power On and Off     FOTA   Yes     LED Indicator   Network, GNSS and Batzery     Touch Datton   For Power On and Off     FOTA   Yes     Sim Card   Nano Sim Card     Traperature Sensor   Built-In Temperature sensor     BLE 5.3   Yes     MiFE   2.4 GH 2002 Ho (280) <th>Operating Band</th> <th colspan="2">B20/B25/B26/B28/B66 LTE TDD Cat 1: B34/B38/B39/B40/B41</th>	Operating Band	B20/B25/B26/B28/B66 LTE TDD Cat 1: B34/B38/B39/B40/B41	
GNSS System     GPS + Clonas + Beldou + Galleo +QZSS       Receiver type     47 rackling / 47 acquisitions- channel GNSS receive       Accuisitor; -147280     Accuisitor; -147280       Sensitivity     Tocin rg + 76600n       Horizontal Position Accuracy     Actonomous 2 n GEP       Horizontal Position Accuracy     Actonomous 2 n GEP       TIFF @-130 dBm with (without) Easy     Cold start -238 Warn start - c's       Interfaces     Cold start -238 Hot start - c's       Interfaces     For Power On and Olf       FOTA     Yes       Light sensor     For Power On and Olf       FOTA     Yes       WiFi     2 4 GE 2 802.11b (8b)       Sin Card     Nano Sim Card       Tracker Configuring     Type-C connector       Wesprisof     P67       Dimensions     185 4mm/84 7mm/51.3mm (5.56* 12.54**0.94*)       Waltproof     IP67       Dimensions     185 4mm/84 7mm/51.3mm (5.56* 12.54**0.94*)       Waltproof     IP67       Dimensions     185 4mm/84 7mm/51.3mm (5.56* 12.54**0.94*)       Waltproof     IP67       Dimensions     185 4mm/84 7mm/51.3mm (5.56* 12.54**0.94*) <td>Data Transmission</td> <td>LTE-TDD:Max.8.96Mbps(DL), Max.3.1Mbps (UL)</td>	Data Transmission	LTE-TDD:Max.8.96Mbps(DL), Max.3.1Mbps (UL)	
GNSS System CPS + 6 cmars + Be dou + Galleo -Q2SS   Receiver type 47 tracktor.gr /47 accut torss- channel CNSS receive   Acquisition - GPS Acquisition - GPS   Sensitivity Acquisition - GPS   Harizontal Position Accuracy Autonomous - SPSEn   Harizontal Position Accuracy Autonomous - SPSEn   Charging and Data Transmission Type-C connector   Interfaces Internal only   LED Indicator Network, GNSS and Batrary   Touch button For Power On and Off   FOTA Yes   Light sensor For Power On and Off   FOTA Yes   Light sensor For Power On and Off   FOTA Yes   Sin Card Naro Sim Card   Tracker Configuring Type-C connector   Wiffi 2.4 GHz 822 Hb (Rk)   Sim Card Naro Sim Card   Tracker Configuring Pof Connector   Weight 4/10g(14 Soz)   Battery Rechargeable Li-Poymer 7500 mAl/y 3.6V   Sandby Time/Without solar charging.2 hours action Sim mutes reporting. 300 mAl/y 3.6V   Sandby Time/Without solar charging.2 hours action Type-C cale @Recommend using 5V 1A acaator. 10 nours charging.)   Operating Temperature -300 C (-225 H - 100^6)   Mounting Macq	GNSS Specifications		
Receiver type 47 tracking / 47 acquisitions- channel GNSs receive   Sensitivity Acquisition - 147.86m Tracking / 156.86m Resequation - 159.87m   Horizontal Position Accuracy Autonomous < 2 m CEP	GNSS Chipset	All-In-One GNSS Receiver	
Acculation - 14738m       Sensitivity     Acculation - 14738m       Readquistion - 159c8m     Readquistion - 159c8m       Horizontial Postion Accuracy     Autonomous < 2 m CEP	GNSS System	GPS + Glonass + Beidou + Galileo +QZSS	
Sensitivity   Tracking: 14660Bm     Horizontal Position Accuracy   Autonomous: < 2 m CEP	Receiver type	47 tracking / 47 acquisitions- channel GNSS receive	
TFF @ -130 dBm with (without) Easy Cold start: <28s Warm start. <28s Hot start. <3s	Sensitivity	Acquisition: -147dBm Tracking: -166dBm Reacquisition: -159dBm	
TTFF @ -130 dBm with (without) Easy Witm start < 25s Hot start:    Interfaces   Charging and Data Transmission Type-C connector   Network, GNSS Antenna Internal only   LED Indicator Network, CNSS and Battery   Touch button For Power On and Off   FOTA Yes   Light sensor For Remove Alert   Temperature Sensor Built-In Temperature sensor   BLE 5.3 Yes   WiFi 2.4 CHz 802.1b (Rs)   Sim Card Nano Sim Card   Tracker Configuring Type-C connector   General Specifications 1967   Weight 4.0g(14.5oz)   Battery Rechargeable Li-Polymer 7500 mAn/ 3.6V   Standby Time(Without solar charging. 2 hours active tracker configuring consurptioned and stop 2 hours upload one data) 300 minutes reporting 300 Days   Standby Time(Without solar charging. 2 hours active tracker genering 135 Days 5 minutes reporting 130 Days   Charging & Data Communication Type-C cable(Recommend using 5V 1A adaptor, 10 hours charging)   Operating Temperature -30°C + 48°C (-22°F + 176°F)   Mounting Magnet/Straw/Double-sidec tape   Air Interface Protocol TCP UDP MC(T, SMS   Data Security & Encryption Option MOS/AE126   BLE Accessory Support Yes	Horizontal Position Accuracy	Autonomous: < 2 m CEP	
Charging and Data Transmission Type-C connector   Network, GNSS Antenna Internal only   LED Indicator Network, GNSS and Battery   Touch button For Power On and Off   FOTA Yes   Light sensor For Remove Alert   Temperature Sensor Bullt-lin Temperature sensor   BLE 5.3 Yes   WiFi 2.4 GHz 802.11b (Rx)   Sim Card Nano Sim Card   Tracker Configuring TypeC Connector   General Specifications Ves   Waterproof IP67   Dimensions '85.4mm*84.7mm*31.3mm (5.56* *2.54* *0.94')   Weight 440g(14.5cz)   Battery Rechargeable Li-Polymer 7500 mAhr/ 3.6V   Standby Time(Without solar charging, 2 hours active tracking per day and stop 2 hours upload one datat S minutes reporting: 300 Days S minutes reporting: 300 Days   Standby Time(Frace Protocol TCR UDP, MQTT, SMS   Data Security & Encryption Option MDS/ AES/28   BLE Accessory Support Yes   Scheduled Timing/angle/distance Report Report position and status at preset intervals   Geo-fence Support up to 64 internal acting including removal alarm, motion alarms, etc.	TTFF @ -130 dBm with (without) Easy	Warm start: <25s	
Transmit   Fremal only     Network, GNSS Antenna   Internal only     LED Indicator   Network, GNSS and Battery     Touch button   For Power On and Off     FOTA   Yes     Light sensor   For Remove Alert     Temperature Sensor   Bull-In Temperature sensor     BLE 5.3   Yes     WiFi   2.4 GHz 802.11b (Rx)     Sim Card   Nano Sim Card     Tracker Configuring   TypeC Connector     General Specifications   185.4mm*84.7mm*31.3mm (5.56* *2.54* *0.94*)     Weight   410g(14.5oz)     Battery   Rechargeable Li-Polymer 7500 mAh/ 3.6V     Standby Time(Without solar charging, 2 hours active tracking per day and stop 2 hours upload one data   5 minutes reporting: 130 Days     Standby Time(Protocol   TQP - 480°C (-22°F - 176°F)     Mounting   Magnet/Screw/Double-sided tape     Air Interface Protocol   TCR UDP, MQTT, SMS     Data Security & Encryption Option   MD5/ AFS128     BLE Accessory Support   Yes     Scheduled Timing/angle/distance Report   Report position and status at preset intervals     Geo-fence   Support up to 64 internal geo-fence regions     Alarms	Interfaces		
IndustryNetwork, GNSS and BatteryTouch buttonFor Power On and OffFOTAYesLight sensorFor Remove AlertTemperature SensorBullt-In Temperature sensorBLE 5.3YesWiFi2.4 GHz 802.11b (Rx)Sim CardNano. Sim CardTracker ConfiguringTypeC ConnectorGeneral Specifications185.4mm*84.7mm*31.3mm (5.56**2.54**0.94*)Weight4/10g(14.5oz)BatteryRechargeable Li-Polymer 7500 mAh/ 3.6VStandby Time(Without solar charging, 2 hours active tacking per day and stop 2 hours upload one data)Standby Time(Without solar charging, 2 hours active tacking per day and stop 2 hours upload one data)Charging & Data CommunicationType C cable(Recommend using 5V 1A adaptor, 10 hours charging) Operating Temperature-30°C ~ 180°C (-22°F ~ 176°F)MountingMagnet/Screw/Double-sided tapeAir Interface ProtocolTCR, UDR, MQTT, SMSData Security & Encryption OptionMDS/ AES'28BLE Accessory SupportYesScheduled Timing/angle/distance ReportReport position and status at preset intervaisGeo-fenceSupport up to 64 internal geo-fence regionsAlarmsSupport up to 31 types of alarms, including removal alarm, motion alarms, etc.Industry Certifications( Planned)Yes	Charging and Data Transmission	Type-C connector	
Touch button     For Power On and Off       FOTA     Yes       Light sensor     For Remove Alert       Temperature Sensor     Built-In Temperature sensor       BLE 5.3     Yes       WiFi     2.4 GHz 802.11b (Rx)       Sim Card     Nano Sim Card       Tracker Configuring     TypeC Connector       General Specifications     Waterproof       Waterproof     IP67       Dimensions     185.4mm*84.7mm*31.3mm (5.56**2.54**0.94*)       Weight     410g(14.5oz)       Battery     Rechargeable Li-Polymer 7500 mAh/ 3.6V       Standby Time(Without solar charging, 2 hours active tacking per day and stop 2 hours upload one data)     30 minutes reporting: 300 Days       Charging & Data Communication     Type-C cable(Recommend using 5V 1A adaptor, 10 hours charging)       Operating Temperature     -30*C ~ +80*C (-22*F ~ 176*F)       Mounting     Magnet/Screw/Double-sided tape       Air Interface Protocol     TCP, UDP, MQTT, SMS       Data Security & Encryption Option     MD5/ AES128       BLE Accessory Support     Yes       Scheduled Timing/angle/distance Report     Report position and status at preset intervals       Goe-	Network, GNSS Antenna	Internal only	
FOTA   Yes     Eight sensor   For Remove Alert     Temperature Sensor   Built-in Temperature sensor     BLIE 5.3   Yes     WiFi   2.4 GHz 802.11b (Rx)     Sim Card   Nano Sim Card     Tracker Configuring   TypeC Connector     General Specifications   Waterproof     Waterproof   IP67     Dimensions   185.4mm*84.7mm*31.3mm (5.56**2.54**0.94*)     Weight   410g(14.5oz)     Battery   Rechargeable Li-Polymer 7500 mAh/ 3.6V     Standby Time(Without solar charging, 2 hours active tracking per day and stop 2 hours upload one data)   30 minutes reporting: 300 Days 5 minutes reporting: 135 Days     Charging & Data Communication   Type-C cable(Recommend using 5V 1A adaptor, 10 hours charging)     Operating Temperature   -30°C ~ +80°C (-22°F ~ 176°F)     Mounting   Magnet/Screw/Double-sided tape     Air Interface Protocol   TCR UDR MQTT, SMS     Data Security & Encryption Option   MD5/ AES128     BLE Accessory Support   Yes     Scheduled Timing/angle/distance Report   Report position and status at preset intervals     Goo-fence   Support up to 64 internal geo-fence regions     Alarms   Support	LED Indicator	Network, GNSS and Battery	
Light sensorFor Remove AlertTemperature SensorBuilt-in Temperature sensorBLE 5.3YesWiFi2.4 GHz 802.11b (Rx)Sim CardNano Sim CardTracker ConfiguringTypeC ConnectorGeneral SpecificationsIP67WaterproofIP67Dimensions185.4mm*84.7mm*31.3mm (5.56**2.54**0.94*)Weight410g(14.5oz)BatteryRechargeable Li-Polymer 7500 mAh/ 3.6VStandby Time(Without solar charging, 2 hours active tacking per day and stop 2 hours upload one data)30 minutes reporting: 300 Days 5 minutes reporting: 135 DaysCharging & Data CommunicationType-C cable(Recommend using 5V 1A adaptor, 10 hours charging)Operating Temperature30*C ~ + 80*C (-22*F ~ 176*F)MountingMagnet/Screw/Double-sided tapeAir Interface ProtocolTCP UDP, MQTT, SMSTransmit ProtocolTCP, UDP, MQTT, SMSBate Accessory SupportYesScheduled Timing/angle/distance ReportReport position and status at preset intervalsGeo-fenceSupport up to 64 internal geo-fence regionsAlarmsSupport up to 31 types of alarms, including removal alarm, motion alarms, etc.Industry Certifications( Planned)Support up to 31 types of alarms, including removal alarm, motion alarms, etc.	Touch button	For Power On and Off	
Eight SensorBuilt-in Temperature sensorBLE 5.3YesWiFi2.4 GHz 802.11b (Rx)Sim CardNano Sim CardTracker ConfiguringTypeC ConnectorGeneral SpecificationsIP67WaterproofIP67Dimensions185.4mm*84.7mm*31.3mm (5.56**2.54**0.94*)Weight410g(14.5oz)BatteryRechargeable Li-Polymer 7500 mAh/ 3.6VStandby Time(Without solar charging, 2 hours active tracking per day and stop 2 hours upload one data)30 minutes reporting: 300 Days 5 minutes reporting: 135 DaysCharging & Data CommunicationType-C cable(Recommend using 5V 1A adaptor, 10 hours charging)Operating Temperature-30°C ~ +80°C (-22°F ~ 176°F)MountingMagnet/Screw/Double-sided tapeAir Interface ProtocolTCR UDR MQTT, SMSData Security & Encryption OptionMDS/ AES128BLE Accessory SupportYesScheduled Timing/angle/distance ReportReport position and status at preset intervalsGeo-fenceSupport up to 64 internal geo-fence regionsAlarmsSupport up to 31 types of alarms, including removal alarm, motion alarms, etc.Industry Certifications( Planned)Support up to 31 types of alarms, including removal alarm, motion alarms, etc.	FOTA	Yes	
BLE 5.3YesWiFi2.4 GHz 802.11b (Rx)Sim CardNano Sim CardTracker ConfiguringTypeC ConnectorGeneral SpecificationsIP67WaterproofIP67Dimensions185.4mm*64.7mm*31.3mm (5.56* *2.54* *0.94*)Weight410g(14.5oz)BatteryRechargeable Li-Polymer 7500 mAh/ 3.6VStandby Time(Without solar charging, 2 hours active tracking per day and stop 2 hours upload one data)30 minutes reporting: 135 DaysCharging & Data CommunicationType-C cable(Recommend using 5V 1A adaptor, 10 hours charging)Operating Temperature-30°C ~ +80°C (-22°F ~ 176°F)MountingMagnet/Screw/Double-sided tapeAir Interface ProtocolTCP, UDP, MQTT, SMSData Security & Encryption OptionMD5/ AES128BLE Accessory SupportYesScheduled Timing/angle/distance ReportReport position and status at preset intervalsGeo-fenceSupport up to 64 internal geo-fence regionsAlarmsSupport up to 31 types of alarms, including removal alarm, motion alarms, etc.Industry Certifications( Planned)Support up to 31 types of alarms, including removal alarm, motion alarms, etc.	Light sensor	For Remove Alert	
WiFi   2.4 GHz 802.11b (Rx)     Sim Card   Nano Sim Card     Tracker Configuring   TypeC Connector     General Specifications   IP67     Waterproof   IP67     Dimensions   185.4mm*84.7mm*31.3mm (5.56**2.54**0.94*)     Weight   410g(14.5oz)     Battery   Rechargeable Li-Polymer 7500 mAh/ 3.6V     Standby Time(Without solar charging, 2 hours active tracking per day and stop 2 hours upload one data)   30 minutes reporting: 300 Days 5 minutes reporting: 135 Days     Charging & Data Communication   Type-C cable(Recommend using 5V 1A adaptor, 10 hours charging)     Operating Temperature   -30°C ~ +80°C (-22°F ~ 176°F)     Mounting   Magnet/Screw/Double-sided tape     Air Interface Protocol   TCP, UDP, MQTT, SMS     Data Security & Encryption Option   MD5/ AES128     BLE Accessory Support   Yes     Scheduled Timing/angle/distance Report   Report position and status at preset intervals     Geo-fence   Support up to 64 internal geo-fence regions     Alarms   Support up to 31 types of alarms, including removal alarm, motion alarms, etc.	Temperature Sensor	Built-in Temperature sensor	
Sim Card   Nano Sim Card     Tracker Configuring   TypeC Connector     General Specifications   IP67     Waterproof   IP67     Dimensions   185.4rmm*84.7mm*31.3mm (5.56* *2.54* *0.94*)     Weight   410g(14.5oz)     Battery   Rechargeable Li-Polymer 7500 mAh/ 3.6V     Standby Time(Without solar charging, 2 hours active tracking per day and stop 2 hours upload one data)   30 minutes reporting: 300 Days 5 minutes reporting: 135 Days     Charging & Data Communication   Type-C cable(Recommend using 5V 1A adaptor, 10 hours charging)     Operating Temperature   -30°C ~ +80°C (-22°F ~ 176°F)     Mounting   Magnet/Screw/Double-sided tape     Air Interface Protocol   TCP, UDP, MQTT, SMS     Data Security & Encryption Option   MD5/ AES128     BLE Accessory Support   Yes     Scheduled Timing/angle/distance Report   Report position and status at preset intervals     Geo-fence   Support up to 64 internal geo-fence regions     Alarms   Support up to 31 types of alarms, including removal alarm, motion alarms, etc.	BLE 5.3	Yes	
Tracker ConfiguringTypeC ConnectorGeneral SpecificationsIP67WaterproofIP67Dimensions185.4mm*84.7mm*31.3mm (5.56" *2.54" *0.94")Weight410g(14.5oz)BatteryRechargeable Li-Polymer 7500 mAh/ 3.6VStandby Time(Without solar charging, 2 hours active tracking per day and stop 2 hours upload one data)30 minutes reporting: 300 Days 5 minutes reporting: 135 DaysCharging & Data CommunicationType-C cable(Recommend using 5V 1A adaptor, 10 hours charging) -30°C ~ +80°C (-22°F ~ 176°F)MountingMagnet/Screw/Double-sided tapeAir Interface ProtocolTCP, UDP, MQTT, SMSData Security & Encryption OptionMD5/ AES128BLE Accessory SupportYesScheduled Timing/angle/distance ReportReport position and status at preset intervalsGeo-fenceSupport up to 64 internal geo-fence regions AlarmsAlarmsSupport up to 31 types of alarms, including removal alarm, motion alarms, etc.	WiFi	2.4 GHz 802.11b (Rx)	
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Mounting   Magnet/Screw/Double-sided tape     Air Interface Protocol   TCP, UDP, MQTT, SMS     Data Security & Encryption Option   MD5/ AES128     BLE Accessory Support   Yes     Scheduled Timing/angle/distance Report   Report position and status at preset intervals     Geo-fence   Support up to 64 internal geo-fence regions     Alarms   Support up to 31 types of alarms, including removal alarm, motion alarms, etc.			
Air Interface Protocol     Transmit Protocol   TCP, UDP, MQTT, SMS     Data Security & Encryption Option   MD5/ AES128     BLE Accessory Support   Yes     Scheduled Timing/angle/distance Report   Report position and status at preset intervals     Geo-fence   Support up to 64 internal geo-fence regions     Alarms   Support up to 31 types of alarms, including removal alarm, motion alarms, etc.			
Transmit ProtocolTCP, UDP, MQTT, SMSData Security & Encryption OptionMD5/ AES128BLE Accessory SupportYesScheduled Timing/angle/distance ReportReport position and status at preset intervalsGeo-fenceSupport up to 64 internal geo-fence regionsAlarmsSupport up to 31 types of alarms, including removal alarm, motion alarms, etc.			
Data Security & Encryption OptionMD5/ AES128BLE Accessory SupportYesScheduled Timing/angle/distance ReportReport position and status at preset intervalsGeo-fenceSupport up to 64 internal geo-fence regionsAlarmsSupport up to 31 types of alarms, including removal alarm, motion alarms, etc.Industry Certifications( Planned)		TCP, UDP, MQTT, SMS	
BLE Accessory Support   Yes     Scheduled Timing/angle/distance Report   Report position and status at preset intervals     Geo-fence   Support up to 64 internal geo-fence regions     Alarms   Support up to 31 types of alarms, including removal alarm, motion alarms, etc.     Industry Certifications( Planned)			
Scheduled Timing/angle/distance ReportReport position and status at preset intervalsGeo-fenceSupport up to 64 internal geo-fence regionsAlarmsSupport up to 31 types of alarms, including removal alarm, motion alarms, etc.Industry Certifications( Planned)			
Geo-fence   Support up to 64 internal geo-fence regions     Alarms   Support up to 31 types of alarms, including removal alarm, motion alarms, etc.     Industry Certifications( Planned)			
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	FCC/CE/RCM/NBTC/TDRA/CITC/Anatel/IP67		
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## **Optional Accessories List**

Product Sku	Description	Photo for Reference
TSTH1-B	BLE 5.0 Wireless Temperature and Humidity Sensor	
TSDT1-B	BLE 5.0 Wireless Door and Temperature Sensor	
TSR1-B	BLE 5.0 Wireless Relay	
TA39	Magnet Set (4 units)	
TA46	Sponge for light sensor	
T-button	BLE 5.1 Key Fob & Panic button	
T-sense	BLE 5.1 IP67 temp&movement&door sensor	
T-hub	BLE 5.1 IO extension hub	
T-one	BLE 5.1 Probe temp or temp&humi sensor extender	
TA51	Torque Adjustable Hand Screwdriver	
TA45	USB-A (male) to Type-C (male) cable 100cm	