

**TOPFLY**  tech  
*"The Best or Nothing"*

**TOPFLY**  tech  
**WE ARE**



TOPFLYTECH IS A **PROFESSIONAL IOT COMPANY** FOCUSED ON **GNSS TECHNOLOGY DEVELOPMENT** AND WITH CLEAR OBJECTIVE OF DELIVERING RELIABLE PRODUCTS AND SOLUTIONS TO **IMPROVE THE LIVING AND WORKING QUALITY OF PEOPLE.**



# WHY **TOPFLY**tech

## INNOVATION

TOPFLYTECH WAS FOUNDED IN 2012. IT IS IN SHENZHEN WHICH IS ONE OF THE MOST CREATIVE CITY IN THE WORLD. INNOVATION IS OUR DNA.

## QUALITY

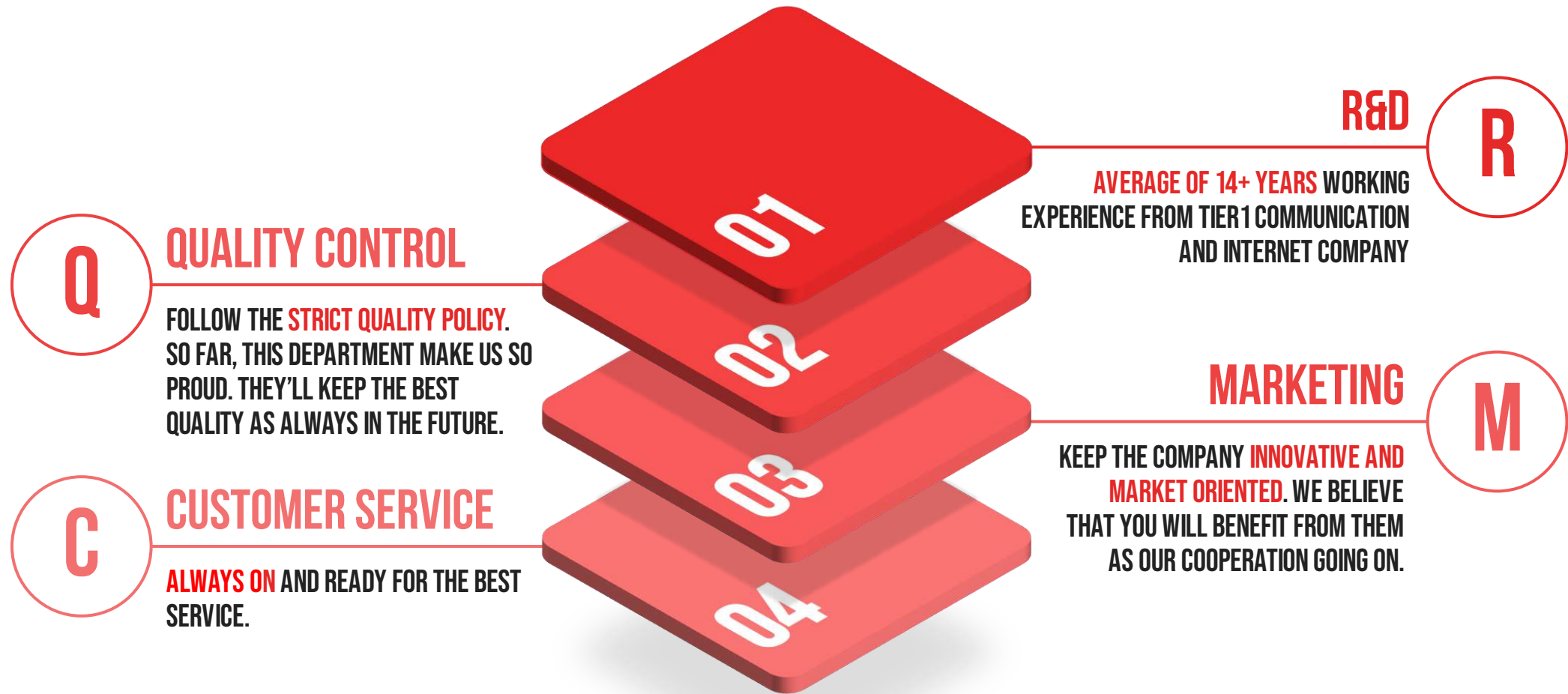
AMONG SEVERE COMPETITION, TOPFLYTECH WON ITS BUSINESS BY EXCELLENT QUALITY AND SERVICES. THESE BRING A VERY GOOD REPUTATION FOR OUR PRODUCTS IN THE MARKET. WE BELIEVE THAT THESE ARE THE MOST IMPORTANT VALUE TO EVERY CUSTOMER.

## PROFESSIONAL

MATURE TECHNOLOGIES, SUFFICIENT FEATURES, EXCELLENT QUALITY, THEN REASONABLE PRICE, 14+ YEARS EXPERIENCED R&D TEAM, TOPFLYTECH NEVER DISAPPOINTED ANY CUSTOMER.



# TEAMS OF **TOPFLY** tech



# **TOPFLY** **VISION, MISSION & CORE VALUE**

## **VISION**

**BE THE MOST TRUSTED IOT SOLUTION PROVIDER IN THE WORLD**

## **MISSION**

**MAKE MOBILE IOT MORE RELIABLE, EFFICIENT, SECURE, AND SMARTER**

## **CORE VALUE**

**LONG-TERMISM, CUSTOMER ACHIEVEMENT, CONTINUOUS INNOVATION, PURSUIT OF EXCELLENCE, AND ECOLOGICAL WIN-WIN**



**4G PRODUCT**

**WIRED TRACKER**

# HARDWARE

**WIDE RANGE OF  
PRODUCTS**

**WE PROVIDE HIGH STANDARD PRODUCTS FOR  
VEHICLE/MOTORCYCLE, PEOPLE AND ASSETS  
TRACKING AND MONITORING**

**TOPFLY**tech

**PIONEERX 100**

**4G CAT 1 + 2G**

**(SHIPPING)**



## MAINSTREAM AND CLASSIC

PIONEERX 100 IS AN ENTRY LEVEL TRACKER WITH THE FUNCTIONS WHICH FREQUENTLY USED IN TRACKING SEGMENT.



**POWER SUPPLY**  
5~32V DC



**2 × DIGITAL  
OUTPUT**



**RELAY  
CONTROL**

**VARIOUS  
DIGITAL  
SENSORS**



**ON/OFF**  
2 × DIGITAL  
INPUTS



**IGNITION  
DETECTION**

**SOS**

**SOS BUTTON  
CALL FOR AID**



**INTERNAL  
BATTERY**



**FOTA**  
FIRMWARE  
OVER THE AIR



**HIGH GAIN  
GNSS ANTENNA**



**HIGH GAIN  
GSM ANTENNA**



**LBS**  
LBS  
POSITIONING



**ECO-DRIVING  
GREEN DRIVING**



**49,000**  
49,000+  
WAYPOINTS



**ACCIDENT  
DETECTION**



**2 IP**  
BACKUP OR  
PARALLEL



**AGPS**  
AGPS  
SUPPORT



**WIFI**  
WIFI  
POSITIONING



**BLE  
4.2**



**TIRE PRESSURE  
SENSOR**



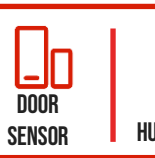
**BLE  
TAG**



**SOS**  
WIRELESS  
SOS BUTTON



**WIRELESS  
RELAY**



**DOOR  
SENSOR**



**TEMP &  
HUMIDITY SENSOR**

# TOPFLY<sup>tech</sup>

## PIONEERX 101

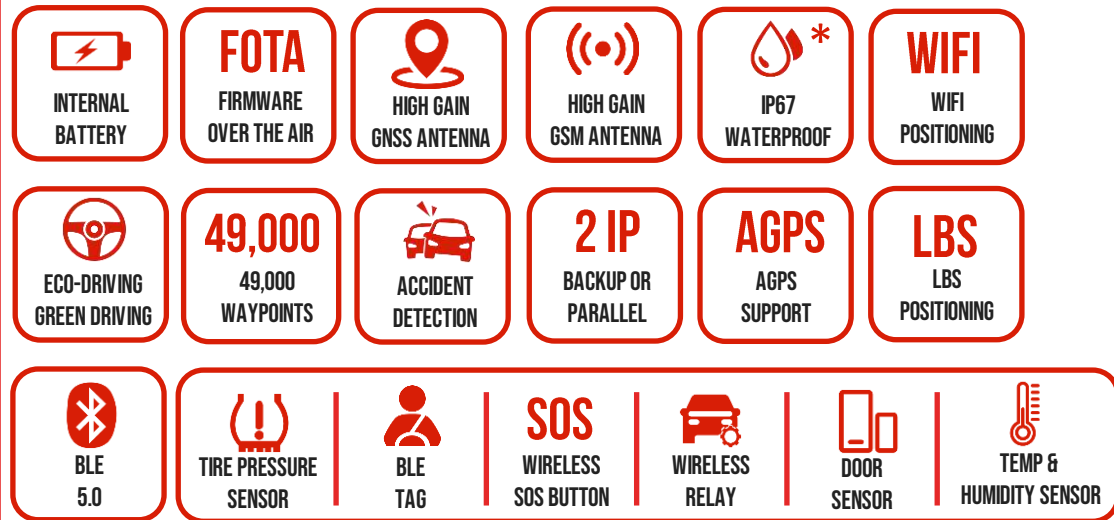
4G CAT 1 + 2G

(SHIPPING)



### MAINSTREAM AND CLASSIC

PIONEERX 101 IS AN ENTRY LEVEL TRACKER WITH THE FUNCTIONS WHICH FREQUENTLY USED IN TRACKING SEGMENT.



I/O	PN: 01	PN: 02	PN: 03	PN: 04	PN: 05
7-100V DC IN	Y	Y	Y	Y	Y
DIN (ACC only)	--	1	1	1	1
DOUT	--	1	1	--	1
CIN*	--	2	--	--	--
1-Wire	--	--	1	--	--
RS232	--	--	--	1	--
CAN	--	--	--	--	1

\* CIN: CIN is a configurable input which can be configured as analog input or digital input (negative or positive trigger).

\* IP67: PN:04 waterproof level is IP41. Except PN:04, all other PN support IP67.



# TOPFLY<sup>tech</sup>

## HEROX 100

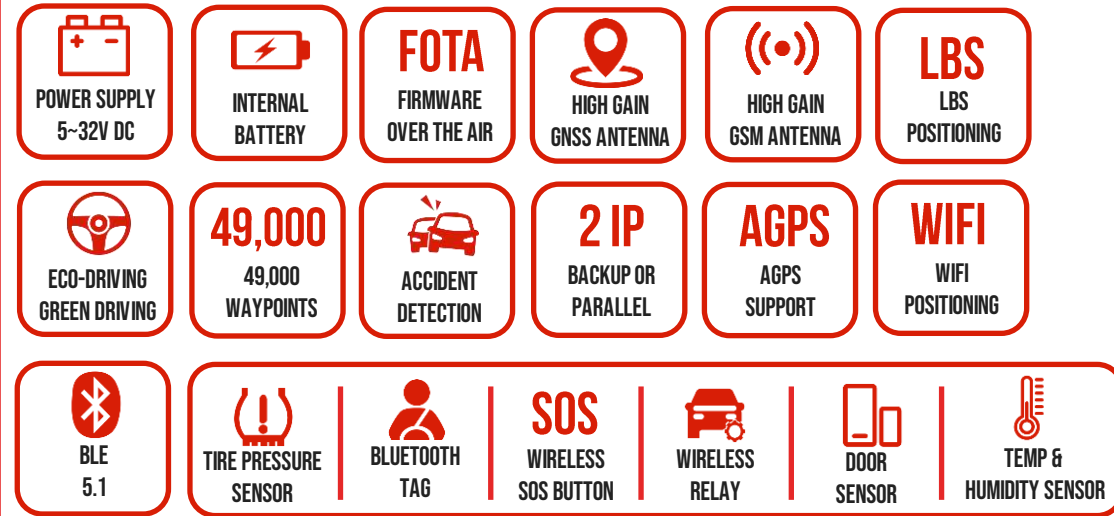
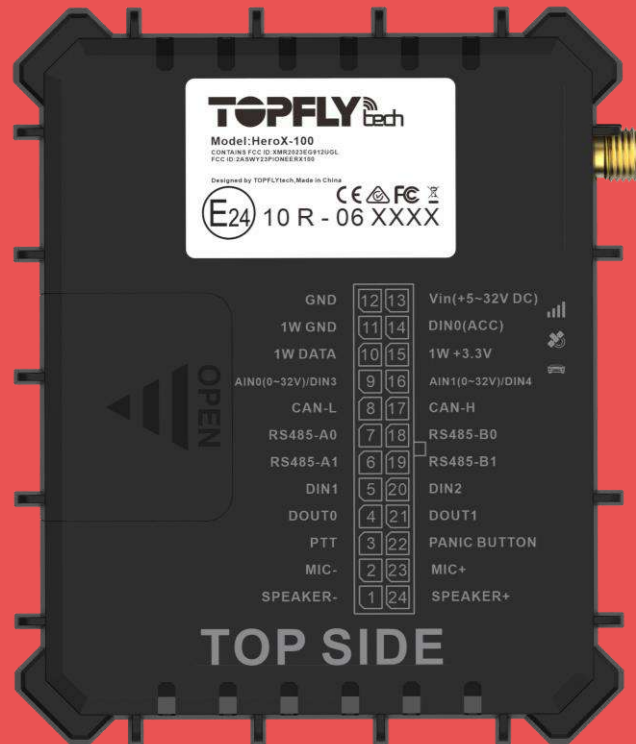
4G CAT 1 + 2G

(SHIPPING)



## THE BEST SCALABILITY

WITH POWERFUL FUNCTIONS, HEROX 100 ALLOWS CUSTOMERS TO TAILOR THE UNIQUE FLEET MANAGEMENT SOLUTIONS.



I/O	PN: 01	PN: 02
DIN	3	3
DOUT	2	2
CIN*	2	2
1-Wire	1	1
RS485	2	1
FMS	1	--
PTT	1	--

\* CIN: CIN is a configurable input which can be configured as analog input or digital input (negative or positive trigger).



**4G PRODUCT**

**OBDII TRACKER**

# HARDWARE

**WIDE RANGE OF  
PRODUCTS**

**WE PROVIDE HIGH STANDARD PRODUCTS FOR  
VEHICLE/MOTORCYCLE, PEOPLE AND ASSETS  
TRACKING AND MONITORING**



## TORCHX 100

4G CAT4 + 3G + 2G

(SHIPPING)



## TORCHX 110

4G CAT1 + 2G

(SHIPPING)

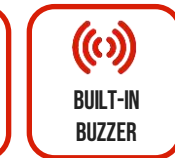
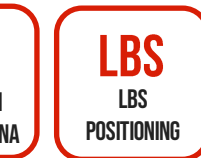
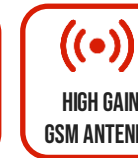
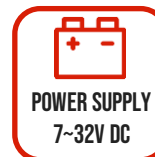
## TORCHX 310

4G CATM1 + 2G

(TBD)

## ADVANCED OBDII

PLUG & TRACK. EASY INSTALLATION, NO WIRES  
REQUIRED, SAVE INTEGRATOR'S TIME. START THE  
TRACKING IMMEDIATELY.



Engine Data Reading	PN: 00	PN: 01.01	PN: 01.02	PN: 01.03
Light Vehicle	--	Y	Y	Y
Heavy Vehicle	--	--	Y	Y
Project Based Vehicle	--	--	--	Y

\* BLE: TorchX 100 BLE 4.1, TorchX 110 BLE 5.0, TorchX 310 BLE 5.2

\* ELD: TorchX 100 and 310 series products PN: 01.02 and PN: 01.03 support ELD.

\* WiFi: TorchX 110 and 310 series products only support WiFi positioning. TorchX 100 series products support both WiFi positioning and hotspot.



**4G PRODUCT**

**ASSET TRACKER**

# HARDWARE

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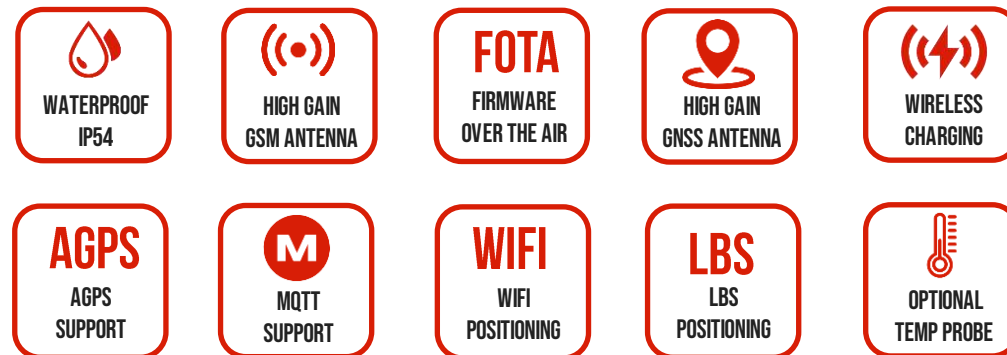
# TOPFLY<sup>tech</sup>

## CYBERLABELX 100

4G CAT 1 + 2G  
(DEC 2024)

## RECHARGEABLE LABEL ASSET GNSS TRACKER

CYBERLABELX 100 IS A SLIM, RECHARGEABLE CARGO TRACKER. IT INTEGRATES A TEMPERATURE SENSOR, IS READY TO USE OUT OF THE BOX, AND SUPPORTS GLOBAL NETWORKS.



Model	Battery Capacity
CyberLabelX 100	1900mAh/3.7V

## STANDBY TIME (REGARDLESS MOVING OR STOP)

4 HOURS REPORTING	<div><div></div></div>	194 DAYS
2 HOURS REPORTING	<div><div></div></div>	108 DAYS
1 HOURS REPORTING	<div><div></div></div>	57 DAYS

CLICK/SCAN FOR MORE CALCULATION:



Battery Life Calculator



## KNIGHTX 300

4G CAT M1 + 2G

(SHIPPING)



## KNIGHTX 100

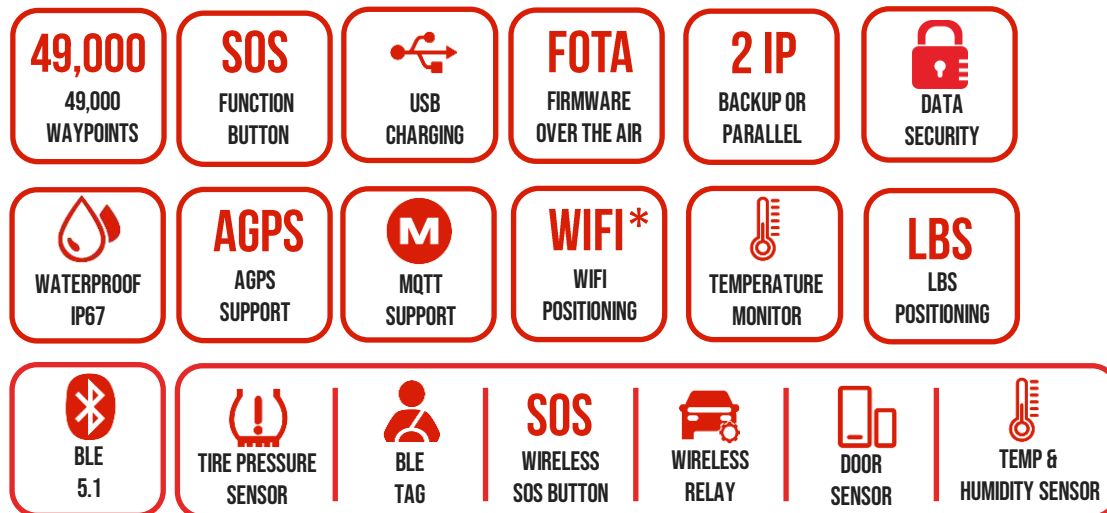
4G CAT1 + 2G

(SHIPPING)



## COMPACT ASSET TRACKER

KNIGHTX IS A POWERFUL COMPACT ASSET TRACKING  
DEVICE FOR WIDE RANGING APPLICATIONS



### STANDBY TIME (2 HOURS ACTIVE TRACKING PER DAY)

10 MIN REPORTING	<div><div></div></div>	208 DAYS
5 MIN REPORTING	<div><div></div></div>	118 DAYS
1 MIN REPORTING	<div><div></div></div>	94 DAYS

CLICK/SCAN FOR MORE CALCULATION:

\* WiFi: Only KnightX 100 supports WiFi positioning.



Battery Life Calculator



## WARRIORX 300

4G CAT M1 + 2G

(SHIPPING)



## WARRIORX 100

4G CAT1 + 2G

(SHIPPING)



## SUPER LONG BATTERY LIFE ASSET TRACKER

WARRIORX IS A PREMIUM ASSET TRACKING DEVICE FOR  
WIDE RANGING APPLICATIONS



Battery Option	BN: 01	BN: 02
4000mAh/3.0V	Y	--
8000mAh/3.0V	--	Y

## STANDBY TIME (ONE REPORT PER DAY):

GPS ON  >1126 DAYS (~3.1 YEARS), BN:01, 4000MAH/3.0V

GPS ON  >2019 DAYS (~5.5 YEARS), BN:02, 8000MAH/3.0V

CLICK/SCAN FOR MORE CALCULATION:



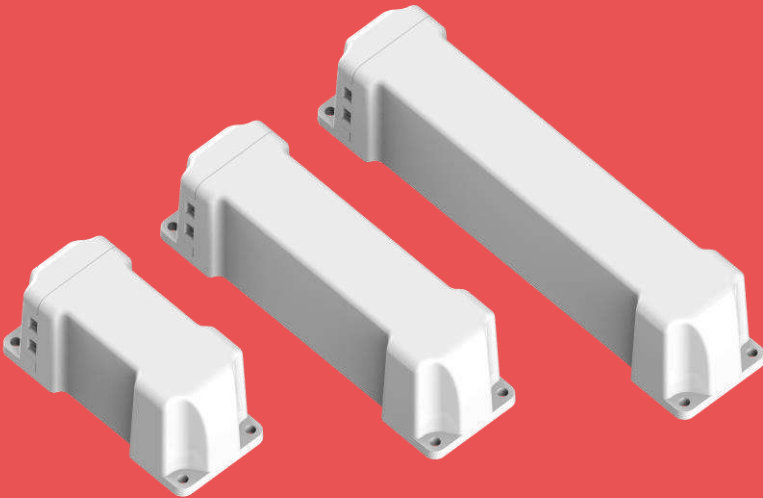
Battery Life Calculator

\* WiFi: Only WarriorX 100 supports WiFi positioning.



# SENTRYX 100

4G CAT 1 + 2G  
(DEC 2024)



## SUPER LONG BATTERY LIFE ASSET TRACKER

SENTRYX IS A PREMIUM ASSET TRACKING DEVICE FOR  
WIDE RANGING APPLICATIONS

HIGH GAIN  
GSM ANTENNA

FOTA  
FIRMWARE  
OVER THE AIR

HIGH GAIN  
GNSS ANTENNA

WATERPROOF  
IP67

AGPS  
SUPPORT

MQTT  
SUPPORT

WIFI  
POSITIONING

LBS  
POSITIONING

BLE  
5.3

TIRE PRESSURE  
SENSOR

WIRELESS  
RELAY

DOOR  
SENSOR

TEMP &  
HUMIDITY SENSOR

Battery Option	BN: 01	BN: 02	BN: 03
19000mAh/3.6V	Y	--	--
36000mAh/3.6V	--	Y	--
57000mAh/3.6V	--	--	Y

CLICK/SCAN FOR MORE CALCULATION:



Battery Life Calculator





## SOLARX 310

4G CAT M1 + 2G

(SHIPPING)



## SOLARX 110

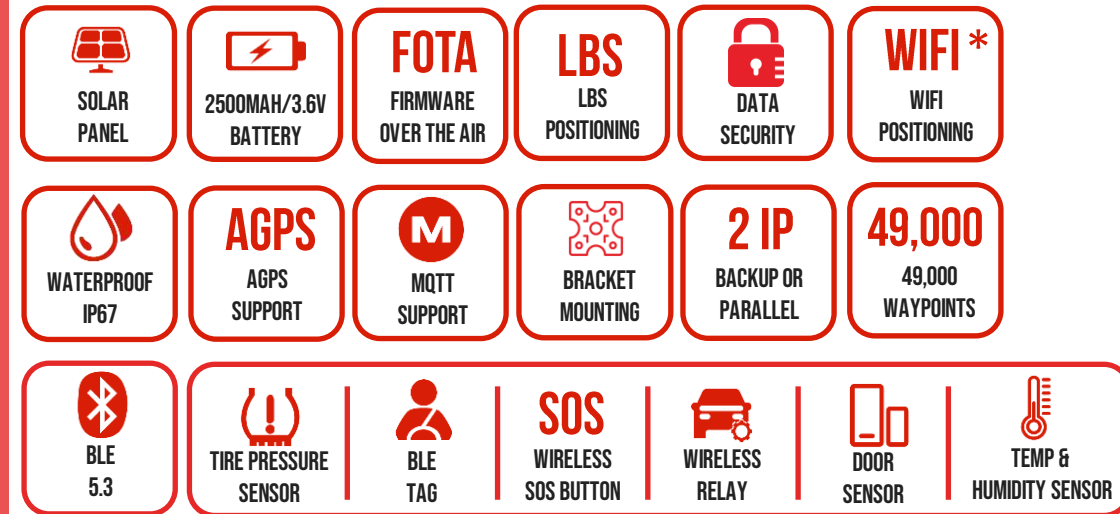
4G CAT1 + 2G

(SHIPPING)



## PREMIUM ASSET TRACKER

SOLARX 310 AND 110 ARE PREMIUM WITH SOLAR CHARGING ASSET TRACKING DEVICE FOR WIDE RANGING APPLICATIONS



**UNLIMITED** STANDBY TIME (WITH PROPER SETTING)

**CLICK/SCAN FOR MORE CALCULATION:**



Battery Life Calculator

\* WiFi: Only SolarX 110 supports WiFi positioning.



## TLP2-SFB

4G CAT M1 + 2G

(SHIPPING)



## SOLARX 120

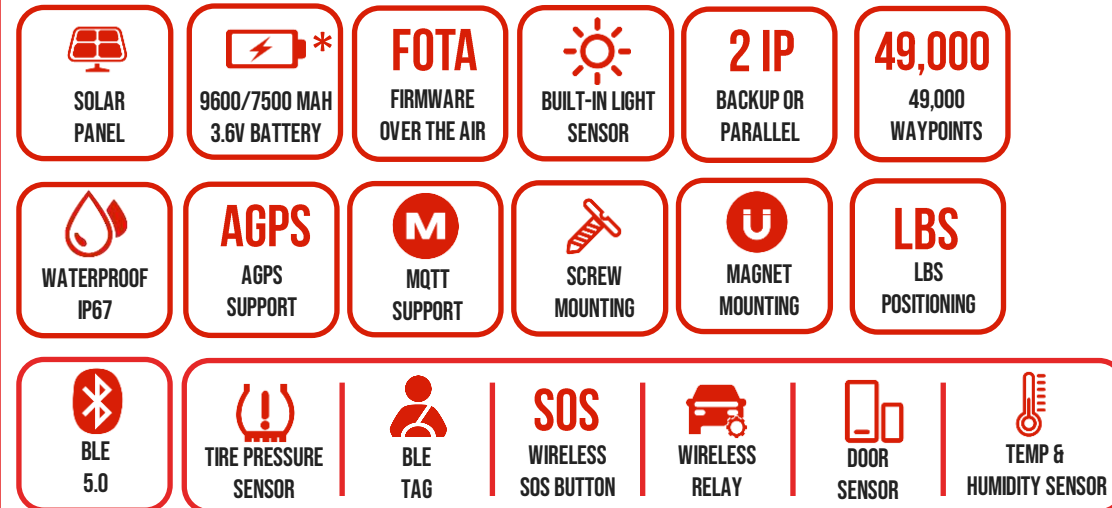
4G CAT1 + 2G

(SHIPPING)



## PROFESSIONAL ASSET TRACKER

TLP2-SFB AND SOLARX 120 ARE THE BEST CHOICE IF  
YOU WANT TO CONNECT BLUETOOTH SENSORS.  
POWERFUL BATTERY AND EFFICIENT SOLAR CHARGING  
PANEL NEVER LET YOU DOWN



**UNLIMITED** STANDBY TIME (WITH PROPER SETTING)

**CLICK/SCAN FOR MORE CALCULATION:**



Battery Life Calculator

\* Battery: TLP2-SFB battery capacity is 9600mAh, SolarX 120 battery is 7500mAh



# SOLARGUARDX 100

4G CAT M1 + 2G

(SHIPPING)



# SOLARGUARDX 110

4G CAT 1 + 2G

(TBD)

# SOLARGUARDX 200

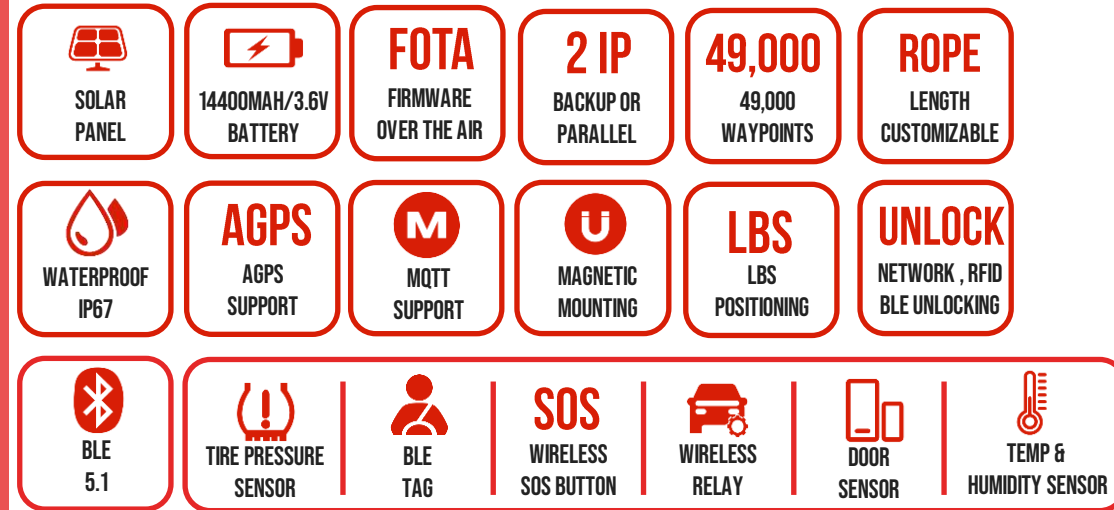
4G CAT4 + 3G + 2G

(SHIPPING)



## PROFESSIONAL E-LOCK

SOLARGUARDX IS A POWERFUL PROFESSIONAL E-LOCK FOR WIDE RANGING APPLICATIONS



**UNLIMITED** STANDBY TIME (WITH PROPER SETTING)

CLICK/SCAN FOR MORE CALCULATION:



Battery Life Calculator



**4G PRODUCT**

**MDVR**

# HARDWARE

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PRODUCTS**

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TRACKING AND MONITORING





## **BLE WIRELESS IOT SENSOR**

**TSR1-B, WIRELESS RELAY**

**T-BUTTON, KEY FOB & PANIC BUTTON**

**T-SENSE, TEMP & DOOR (OPTIONAL) SENSOR**

**T-HUB, I/O EXTENSION HUB**

**T-ONE, TEMP SENSOR**

# **HARDWARE**

## **WIDE RANGE OF PRODUCTS**

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TRACKING AND MONITORING**

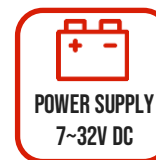
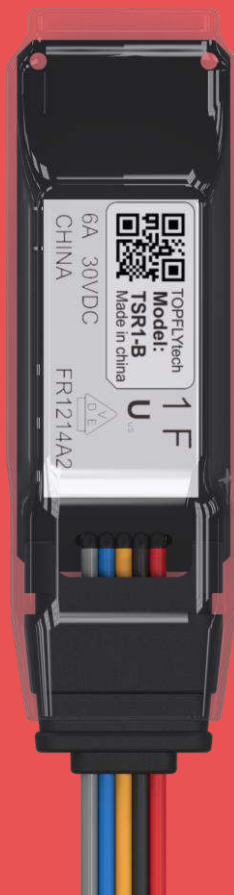
# TOPFLY<sup>tech</sup> TSR1-B

**(SHIPPING)**



## WIRELESS RELAY

TSR1-B IS A BLE RELAY, EASY TO HIDE, INSTALL & CONTROL. POWERFUL LOAD MAKES IT WELL APPLIED FOR CONDITIONS.



# TOPFLY<sup>tech</sup> T-BUTTON (SHIPPING)

## KEY FOB AND PANIC BUTTON

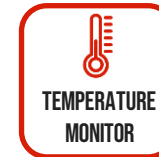
T-BUTTON CAN BE USED AS A DRIVER ID OR PANIC BUTTON. BY CHANGING CONFIGURATION, IT ALSO CAN BE USED AS A BEACON.



# TOPFLY<sup>tech</sup> T-SENSE (SHIPPING)

## TEMP & DOOR (OPTIONAL) SENSOR

T-SENSOR IS A PROFESSIONAL DOOR (OPTIONAL) & TEMP  
SENSOR FOR ENVIRONMENT TEMPERATURE AND DOOR  
STATUS MONITORING.





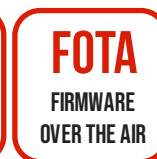
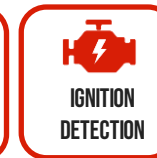
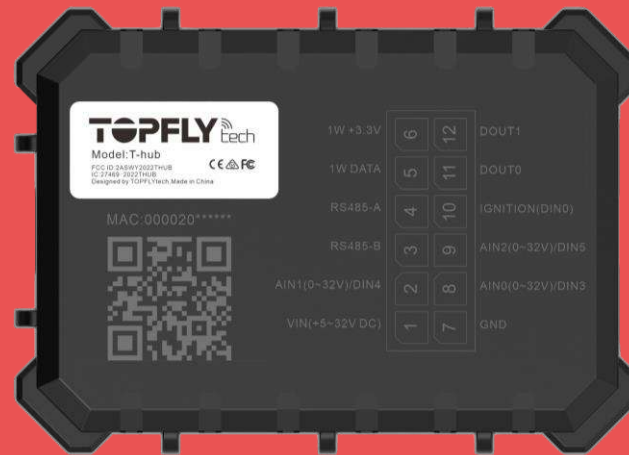
# TOPFLY<sup>tech</sup>

## T-HUB

(SHIPPING)

## WIRELESS I/O EXTENSION HUB

T-HUB IS A BLE I/O EXTENSION HUB, EASY TO EXPAND THE TRACKER FUNCTION. IT ENABLES MORE POSSIBILITIES FOR COMPLICATED USING SCENARIOS.



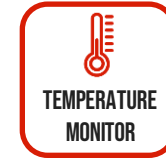
# TOPFLY<sup>tech</sup>

## T-ONE

(SHIPPING)

## PROFESSIONAL TEMP SENSOR

T-ONE IS A PROFESSIONAL TEMP SENSOR ESPECIALLY DESIGNED FOR COLD CHAIN TEMPERATURE MONITORING. WITH A PROBE TAIL, IT'S MORE SENSITIVE AND SUPPORT WIDER RANGE TEMPERATURE READING.



TEMPERATURE  
MONITOR



WATERPROOF  
IP67



USED AS A  
BEACON



BLE  
5.1



HIGH  
ACCURACY



FIRMWARE  
OVER THE AIR



SCREW  
MOUNTING



BELT  
MOUNTING



## SOFTWARE PRODUCTS

MOBILE APPS

FMS (FLEET MANAGEMENT SYSTEM)

# SOFTWARE

## APPS & SYSTEM

WE PROVIDE MOBILE AND B/S ARCHITECTURE CLOUD  
BASED FLEET MANAGEMENT SOFTWARE. YOU WILL  
ALWAYS KNOW WHAT IS HAPPENING WITH YOUR FLEET  
AND WHAT COULD BE IMPROVED



## REAL TIME TRACKING

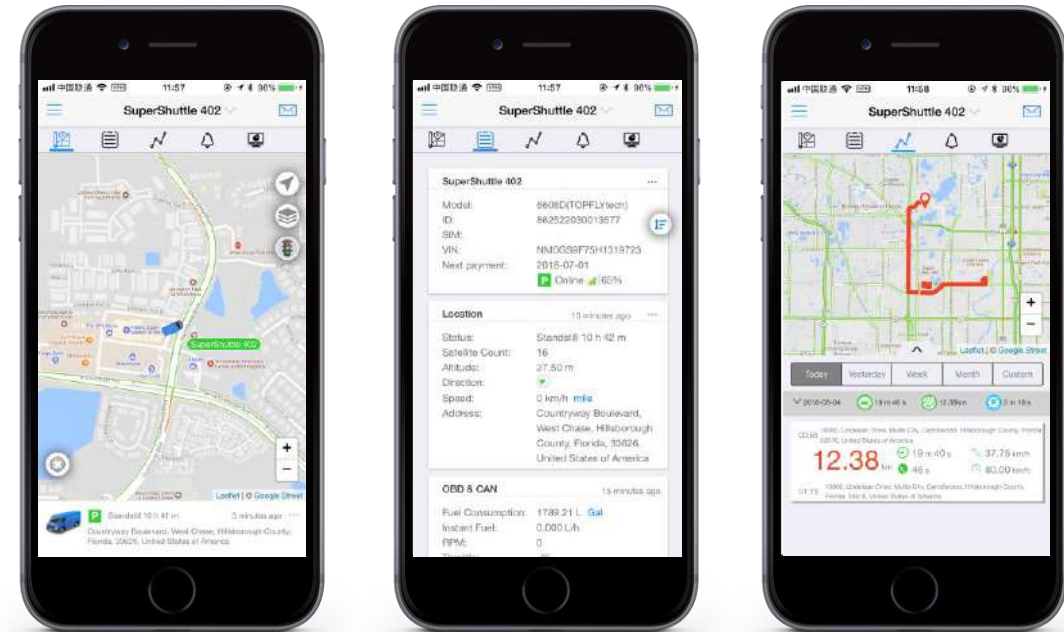
TRACK YOUR FLEET ON MOBILE DEVICES ANY TIME

## EASY TO EDIT & CHECK

YOU CAN ADD, SET, CHECK DEVICES AT APPS SIDE

## DETAIL SUMMARY & REPORTS

DETAIL SUMMARY & REPORTS SHOW THE REAL FACT OF YOUR BUSINESS





## B/S ONLINE TRACKING SYSTEM

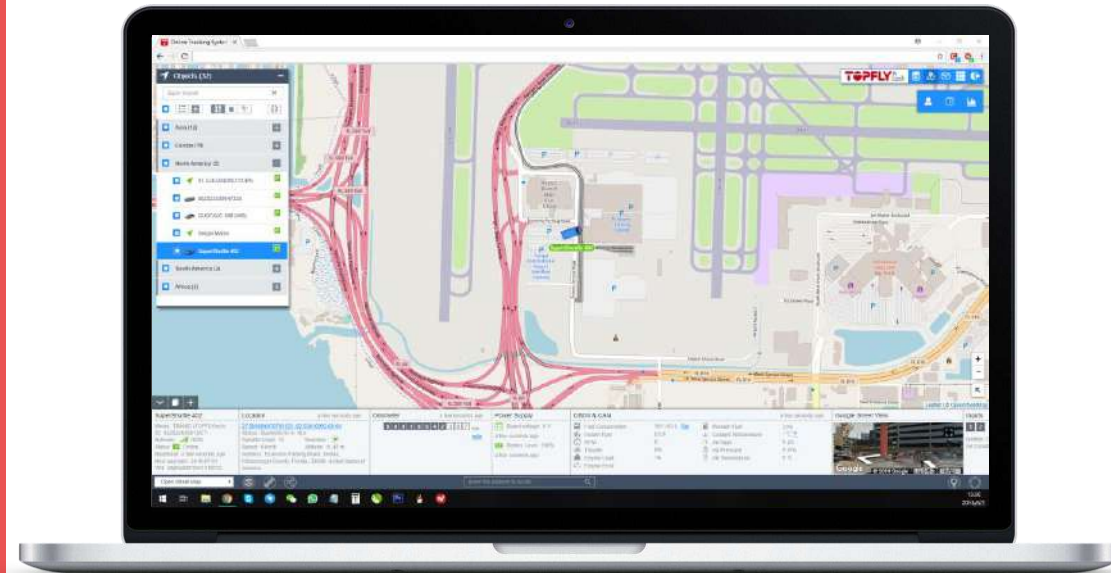
24H/7D SERVICE, CLOUD BASED, SERVER FREE, MULTIPLE LANGUAGES

## DETAIL STATUS OF DEVICES

KNOW MORE ABOUT YOUR DEVICES

## MANAGE YOUR ASSETS

HELP YOU MAKE THE RIGHT DECISION AND IMPROVEMENT OF YOUR BUSINESS







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