## DATA SHEET

**SXTREO SERIES** 

## JIDO LTE FREIGHT TRACKER

24/7 TECHNICAL SUPPORT AT 877.877.2269 OR VISIT BLACKBOX.COM





## OVERVIEW

JIDO LTE CONTAINER TRACKER

## INTRODUCTION

JIDO LTE FREIGHT TRACKER – A smart logistic solution to ensure safety and security of your valuable assets when it is in move. A GPS based Container Tracker with unmatched reliability is used for transportation, logistics, shipment and freight tracking.

This ultra-rugged device with IP67 level of protection is ready to work under harsh environment. It's cellular communication abilities, along with it's embedded GPS technology make it ideal for remote locations or for use with transporting goods and valuable equipment.

Multiple integrated sensors allow giving real time alerts in case any deviations from the defined rules. With ultra long life batteries, device ensures the availability of data even after months of operations.

JIDO provides real time visibility and insights of shipments, ensure safety of your valuables and improve bottom lines of your business.

### **FEATURES**

- WEATHER-PROOF, DUSTPROOF & SHOCKPROOF: BUILT WITH ENGINEERED PLASTIC WITH UNIQUE TAMPERPROOF DESIGN TO SUSTAIN THE HARSH ENVIRONMENT
- QUICK AND EASY INSTALLATION: SIMPLY ATTACH WITH THE LOCK AND FIX ON THE MAGNETIC MOUNT. EASY TO CONNECT WITH APP OR WEB PORTAL
- REAL TIME MONITORING FROM ANYWHERE: MONITOR CARGO SHIPMENT OR YOUR VALUABLE ASSET ON REAL TIME WITH ALERTS FOR ANY DEVIATIONS FROM SCHEDULE
- MULTIPLE SENSORS INTEGRATION: WITH SENSORS ON BOARD, YOU CAN KNOW IN REAL-TIME ABOUT ANY SUDDEN ACCELERATION, TILT, DROP AND DEVICE TAMPERING, ETC.
- LONG OPERATION TIME WITH ENOUGH DATA BACK UP: LARGE BATTERY ENABLES LONG OPERATION TIME ON SINGLE CHARGE AND ALSO, STORE MORE THAN 3 MONTHS LOCATION AND SENSOR DATA WHEN THE SHIPMENT WAS OUT OF NETWORK COVERAGE
- CARGO SAFETY: ALERTS FOR ANY TAMPERING, OPENING OF DOOR, DEVIATIONS FROM ROUTE, UNSCHEDULED STOPS ETC.
- SEAMLESS CONNECTIVITY: DUAL SIM ALLOWS TO GET CONNECTED TO ANY GEOGRAPHY. BLUETOOTH CONNECTIVITY TO LATCH ON TO THE ROUTER WHEREVER AVAILABLE.
- CREATE ROUTES: USER FRIENDLY SW ALLOWS TO CREATE TRIPS, GEO-FENCES, STOPS, ZONES ETC – TO PROVIDE YOU INTELLIGENT REPORTS
- SMOOTH TRACKING OF DEVICE: EASY MAP BASED SYSTEM HELPS TRACKING THE DEVICE FROM WEB & MOBILE APP

## ILLUSTRATION

### JIDO LTE CONTAINER TRACKER





## **SPECIFICATIONS**

JIDO LTE CONTAINER TRACKER

# 

### WHAT'S INCLUDED IN THE BOX

- (1) JIDO GPS CONTAINER TRACKER
- (1) 1 YEAR WARRANTY

	•
JIDO LTE CONTAINER TRACKER	
COMMUNICATION <sup>3</sup>	
COMMUNICATION MODES	LTE-FDD B1/B3/B7/B8/B20/B28 GSM/GPRS/EDGE 900/1800 MHz
NUMBER OF SIMS	Dual SIM
ANTENNA TYPE	Built-in
PROTOCOL	SMS, TCP/IP/IPV4/IPV6, HTTP, HTTPS, MQTT
LOCATION / GNSS	
SYSTEM	GPS, GLONASS
SBAS	SBAS L1 C/A: WAAS, EGNOS, GAGAN
ACCURACY (HORIZONTAL RMS) <sup>2</sup>	Real-time with SBAS correction < 2.5 m typical <sup>1</sup>
VELOCITY ACCURACY	0.2 m/s
ACQUISITION TIME:	Cold start: 35s · Aided Start : 2s · Reacquisition: 1.5s
SUPPORT AGPS	Yes
ANTENNA TYPE	Built-in
BATTERY	
ТҮРЕ	Lithium Ion Rechargeable
CAPACITY	15000 mAh or higher
BATTERY LIFE	90 days at data interval 180 mins
CHARGING OPTIONS	Fast charging option
CHARGING FROM AC	From 220V AC using 5V adapter
SENSORS	
ON-BOARD	3 axis Accelerometer
MEMORY	
IN-BUILT MEMORY	Flash Memory to store 90 days data
PORTS	
USB	Micro USB Type B
ENVIRONMENTAL	
OPERATING TEMPERATURE	-20°C/-4°F to + 60°C/140°F
STORAGE TEMPERATURE	-30°C /-22°F to +80°C/176°F
OPERATING HUMIDITY	5% to 95%, noncondensing
MECHANICAL	
RUGGED CASING	Ultra Rugged Water and Dust Proof, IP67 housing
APPROVALS	
<b>CERTIFICATIONS</b> <sup>4</sup>	CE, RoHS, IP67



## ADDITIONAL FEATURES

JIDO LTE CONTAINER TRACKER		
FEATURES		
INDICATORS	External LED indicators	
ALERTS	No movement	
GET LOCATION	Get Location Feature	



## ORDERING INFORMATION

ITEM	SKU
JIDO GPS CONTAINER TRACKER WITH LTE	T64PX172G

### DISCLAIMER

Black Box Corporation shall not be liable for damages of any kind, including, but not limited to, punitive, consequential or cost of cover damages, resulting from any errors in the product information or specifications set forth in this document and Black Box Corporation may revise this document at any time without notice.

### ABOUT BLACK BOX

Black Box is a world leading technology solutions provider specializing in IoT and Digital transformation, complete high-performance KVM, professional A/V signal distribution and extension and switching solutions for mission-critical applications. Black Box is dedicated to delivering superior project engineering, technical support, and 24/7 customer service you can rely on for your most critical operations.

Every day, our customers trust us to design, integrate, and maintain reliable control room solutions for broadcasting, post-production, stadiums & arenas, medical, air traffic control, oil & gas, government & military, and utility industries.

Leave the tech to us and our comprehensive technology solutions will deliver secure connections, fast-response times, real-time collaboration and more.

1. SBAS (SATELLITE BASED AUGMENTATION SYSTEM). INCLUDES WAAS (WIDE AREA AUGMENTATION SYSTEM) AVAILABLE IN NORTH AMERICA ONLY, ECNOS (EUROPEAN GEOSTATIONARY NAVIGATION OVERLAY SYSTEM) AVAILABLE IN EUROPE ONLY, AND MSAS AVAILABLE IN JAPAN ONLY, GAGAN (GPS Aided GEO Augmented Navigation) AVAILABLE IN INDIA ONLY

2. HORIZONTAL ROOT MEAN SQUARED ACCURACY. REQUIRES DATA TO BE COLLECTED USING VERTICAL MOUNTING, MINIMUM OF 4 SATELLITES, PDOP MASK AT 99, SNR MASK AT 12 DBHZ, ELEVATION MASK AT 5 DEGREES, AND REASONABLE MULTIPATH CONDITIONS. IONOSPHERIC CONDITIONS, MULTIPATH SIGNALS OR OBSTRUCTION OF THE SKY BY BUILDINGS OR HEAVY TREE CANOPY MAY DEGRADE PRECISION BY INTERFERING WITH SIGNAL RECEPTION

- 3. BLUETOOTH AND CELLULAR TYPE APPROVALS ARE COUNTRY SPECIFIC. PLEASE CONSULT YOUR LOCAL RESELLER.
- 4. CERTIFICATION IN PROGRESS

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE.

FILENAME: JIDO LTE CONTAINER TRACKER.PDF © COPYRIGHT 2023 BLACK BOX CORPORATION. ALL RIGHTS RESERVED.

#### TRADEMARKS

Black Box and the Black Box logo type and mark are registered trademarks of Black Box Corporation.

Any other trademarks mentioned in this document are acknowledged to be the property of the trademark owners.