

# DATA SHEET

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SXTREO SERIES

# JIDO LTE FREIGHT TRACKER

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24/7 TECHNICAL SUPPORT AT 877.877.2269 OR VISIT [BLACKBOX.COM](http://BLACKBOX.COM)



**BLACK BOX**®

# 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	
<b>COMMUNICATION<sup>3</sup></b>	
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
<b>LOCATION / GNSS</b>	
SYSTEM	GPS, GLONASS
SBAS	SBAS LI 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
<b>BATTERY</b>	
TYPE	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
<b>SENSORS</b>	
ON-BOARD	3 axis Accelerometer
<b>MEMORY</b>	
IN-BUILT MEMORY	Flash Memory to store 90 days data
<b>PORTS</b>	
USB	Micro USB Type B
<b>ENVIRONMENTAL</b>	
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
<b>MECHANICAL</b>	
RUGGED CASING	Ultra Rugged Water and Dust Proof, IP67 housing
<b>APPROVALS</b>	
CERTIFICATIONS <sup>4</sup>	CE, RoHS, IP67



# ADDITIONAL FEATURES

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## JIDO LTE CONTAINER TRACKER

### FEATURES

INDICATORS	External LED indicators
ALERTS	No movement
GET LOCATION	Get Location Feature



