

DATA SHEET

T64

JIDO LTE FREIGHT TRACKER

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



BLACK BOX 

OVERVIEW

JIDO LTE CONTAINER TRACKER

INTRODUCTION

JIDO LTE FREIGHT TRACKER – This smart logistic solution ensures the safety and security of your valuable assets when they are on the move. As a GPS-based Container Tracker, JIDO offers unmatched reliability for transportation, logistics, shipment, and freight tracking.

This ultra-rugged device meets the IP67 standard of protection and is ready to work in harsh environments. Its cellular communication abilities, along with its embedded GPS technology make it ideal for remote locations or for use when transporting goods and valuable equipment.

Multiple integrated sensors provide real-time alerts if parameters deviate from defined rules. With ultra-long-life batteries, the device ensures the availability of data even after months of operation.

JIDO provides real-time visibility and insights about shipments, ensures the safety of your valuables, and improves the bottom line of your business.

FEATURES

- **WEATHERPROOF, DUSTPROOF, & SHOCKPROOF:** BUILT WITH ENGINEERED PLASTIC WITH UNIQUE TAMPERPROOF DESIGN TO SUSTAIN HARSH ENVIRONMENTS
- **QUICK AND EASY INSTALLATION:** FIX THE TRACKER TO THE ASSET, CONNECT WITH THE TRACKING SOFTWARE FOR GPS BASED TRACKING
- **REAL-TIME MONITORING FROM ANYWHERE:** MONITOR CARGO SHIPMENTS OR YOUR VALUABLE ASSETS IN REAL-TIME WITH ALERTS FOR ANY DEVIATIONS FROM SCHEDULES
- **MULTIPLE SENSORS INTEGRATION:** ON-BOARD SENSORS SEND ALERTS IN REAL-TIME UPON SUDDEN ACCELERATION, TILT, DROP, AND/OR DEVICE TAMPERING, ETC.
- **LONG OPERATION TIME WITH ENOUGH DATA BACKUP:** LARGE BATTERY ENABLES LONG OPERATION TIME ON A SINGLE CHARGE AND STORES MORE THAN 3 MONTHS OF LOCATION AND SENSOR DATA WHEN THE SHIPMENT IS OUT OF NETWORK COVERAGE
- **CARGO SAFETY:** SENDS ALERTS FOR TAMPERING, DOOR OPENING, DEVIATIONS FROM ROUTE, UNSCHEDULED STOPS, ETC.
- **SEAMLESS CONNECTIVITY:** DUAL SIM CONNECTS TO ANY GEOGRAPHY. SUPPORTS BLUETOOTH CONNECTIVITY TO LATCH ON TO THE ROUTER WHEREVER AVAILABLE.
- **CREATE ROUTES:** USER-FRIENDLY SOFTWARE CREATES TRIPS, GEO-FENCES, STOPS, ZONES, ETC. TO PROVIDE INTELLIGENT REPORTS
- **SMOOTH TRACKING OF DEVICE:** EASY MAP-BASED SYSTEM TRACKS THE DEVICE FROM THE JIDO WEB PORTAL FOR GPS TRACKING OR ANY OTHER WEB PORTAL/APP FOR GPS TRACKING THE CLIENT IS USING

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

COMMUNICATION³

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) ²	Real-time with SBAS correction < 2.5 m typical ¹
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

TYPE	Lithium Ion rechargeable
CAPACITY	15000 mAh or higher
BATTERY LIFE	90 days at data interval of 180 mins
CHARGING OPTIONS	Fast charging option
CHARGING FROM AC	From 220V AC using 5V adapter

SENSORS

ON-BOARD	3-axis accelerometer
----------	----------------------

MEMORY

BUILT-IN MEMORY	Flash memory to store 90 days of 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 dustproof IP67 housing
---------------	---

APPROVALS

CERTIFICATIONS ⁴	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	T64

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, EGNOS (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: EN IoT Datasheet T64 Rev1.PDF

© COPYRIGHT 2023. BLACK BOX CORPORATION. ALL RIGHTS RESERVED.

NOTES

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.

