

DATA SHEET

T63, T63E

JIDO GPS FREIGHT TRACKER

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



BLACK BOX

OVERVIEW

JIDO GPS FREIGHT TRACKER WITH MANUAL LOCK (T63) OR E-LOCK (T63E) DATA SHEET

INTRODUCTION

JIDO GPS Freight Tracker with Manual Lock (T63) or E-Lock (T63E) is used for transportation, logistics, shipment, and freight tracking. It enhances end-to-end visibility of your assets and provides tampering alerts.

This rugged device is weatherproof. JIDO is an IP65 rated waterproof and dustproof device. Protected against man and nature, JIDO is IP65 rated and features a hardened plastic, tamper-proof design.

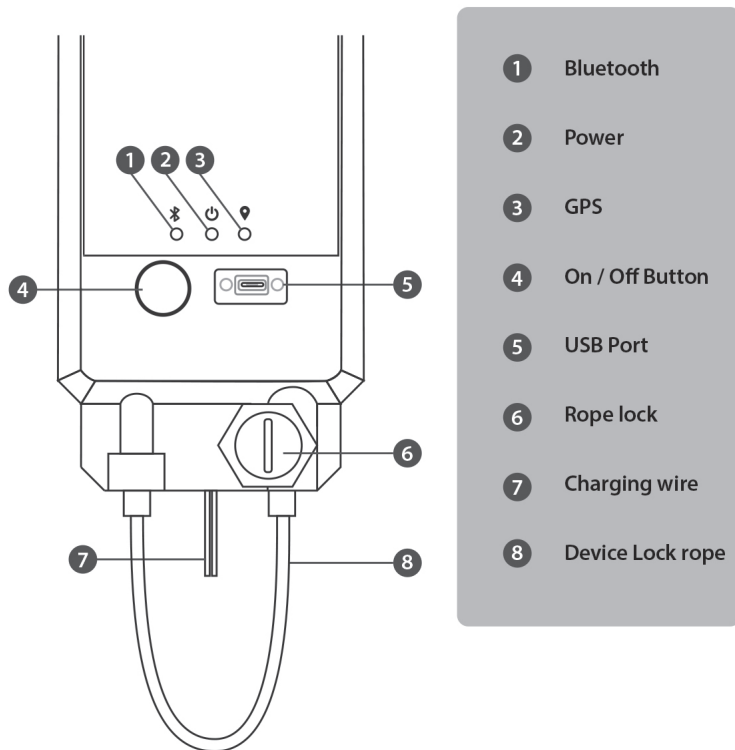
Using the JIDO device, the user can get a complete picture of freight shipments from anywhere with internet access. JIDO provides end-to-end visualization of shipments, and provides improved logistical tracking and improved security of valuable assets.

FEATURES

- IP65 RATED WATERPROOF AND DUSTPROOF. CONSTRUCTED OF HARDENED PLASTIC. TAMPERPROOF DESIGN
- FAST AND EASY INSTALLATION. SIMPLY ATTACH JIDO WITH THE LOCK (T63 VERSION) AND SECURE IT ON THE MAGNETIC MOUNT. T63E VERSION HAS AN ELECTRONIC (E-) LOCK
- END-TO-END VISUALIZATION. VISUALIZE CARGO SHIPMENT ON A MAP WITH ALERTS FOR ANY DEVIATIONS FROM ITS SCHEDULE.
- MULTIPLE SENSORS INTEGRATION. FAST MOVEMENT TILT LIFTING, DOOR OPENING, LOCK OPENING AND TAMPERING, AND TEMPERATURE AND HUMIDITY
- SUFFICIENT DATA BACKUP. STORE MORE THAN 3 MONTHS OF LOCATION DATA WHEN THE SHIPMENT WAS OUT OF NETWORK
- CARGO SAFETY: ALERTS FOR ANY TAMPERING, OPENING OF LOCK, DEVIATIONS FROM ROUTE, AND UNSCHEDULED STOPS
- SEAMLESS CONNECTIVITY. DUAL SIM CONNECTS TO ANY GEOGRAPHY. CONNECT VIA BLUETOOTH TO LATCH ON TO THE ROUTER OF THE SHIP DURING DEEP SEA TRANSPORT.
- CREATE ROUTES. TRIPS, GEO-FENCES, STOPS, AND ZONES PROVIDE INTELLIGENT REPORTS.
- SMOOTH TRACKING OF DEVICE. EASY MAP-BASED SYSTEM LETS YOU TRACK THE DEVICE FROM THE WEB AND A MOBILE APP.

ILLUSTRATION

JIDO GPS FREIGHT TRACKER WITH MANUAL LOCK (T63) COMPONENTS



SPECIFICATIONS

JIDO GPS FREIGHT TRACKER WITH MANUAL LOCK (T63) DATA SHEET

WHAT'S INCLUDED WITH THE T63

- (1) JIDO GPS FREIGHT TRACKER WITH MANUAL LOCK
- (1) 1-A CHARGER
- (1) DATA CABLE
- (1) SET OF KEYS
- (1) BATTERY



T63

SPECIFICATIONS (T63)

COMMUNICATION

GSM/GPRS DEFAULT	Quad band (850, 900, 1800, 1900)
OPTIONAL MODEMS	UMTS900/2100, UMTS850/1900
NUMBER OF SIMS	Dual
ANTENNA TYPE	Built-in
DATA CHANNELS	SMS, TCP, UDP, PPP, FTP, HTTP, SSL, MQTT
BLUETOOTH®	V3.0 BLE Type 3.0, support SPP and HFP-AG profiles

LOCATION/GNSS

SYSTEM	GPS/QZSS L1 C/A, GLONASS
SBAS	SBAS L1 C/A: WAAS, EGNOS, MSAS, GAGAN
CHANNEL/CHIP	33 Tracking Channels/99 Acquisition Channels, High-sensitivity Receiver
SENSITIVITY	Tracking & Nav: -167 dBm; Cold starts (aided): -149 dBm; Reacquisition: -161 dBm
HORIZONTAL ACCURACY	<2.5 m CEP
VELOCITY ACCURACY	0.2 m/s
ACQUISITION TIME	Cold start: 35 s; Aided Start: 2 s; Reacquisition: 1.5 s
SUPPORT AGPS	Yes
ANTENNA TYPE	Built-in

BATTERY

TYPE	Li ion rechargeable
CAPACITY	15000 mAh/55.5 Wh

SENSORS

ON-BOARD	Accelerometer
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INPUT POWER

DUAL POWER	5 VDC from charger 24 VDC input from battery
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LOCKING/UNLOCKING MECHANISM

MANUAL LOCK	Manual key to lock/unlock
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ENVIRONMENTAL

OPERATING TEMPERATURE	+14 to +140° F (-10 to +60° C)
STORAGE TEMPERATURE	-4 to +158° F (-20 to +70° C)
OPERATING HUMIDITY	5 to 95%, noncondensing

MECHANICAL

DIMENSIONS	8.26" H x 5.12" W x 1.77" D (21 x 13 x 4.5 cm)
WEIGHT	Less than 1.76 lb. (800 g)

APPROVALS

PROTECTION RATING	IP 65
CERTIFICATIONS	CE, RoHS, IP65, Drop Test 6ft, Vibration Test 1.5 g 3-Axis

SPECIFICATIONS

JIDO GPS FREIGHT TRACKER WITH E-LOCK (T63E) DATA SHEET

WHAT'S INCLUDED WITH THE T63E

- (1) JIDO GPS FREIGHT TRACKER WITH MANUAL LOCK
- (1) 1-A CHARGER
- (1) DATA CABLE



SPECIFICATIONS (T63E)	
COMMUNICATION	
GSM/GPRS DEFAULT	Quad band (850, 900, 1800, 1900)
OPTIONAL MODEMS	UMTS900/2100, UMTS850/1900
NUMBER OF SIMS	Dual
ANTENNA TYPE	Built-in
DATA CHANNELS	SMS, TCP, UDP, PPP, FTP, HTTP, SSL, MQTT
BLUETOOTH®	V3.0 BLE Type 3.0, support SPP and HFP-AG profiles
LOCATION/GNSS	
SYSTEM	GPS/QZSS L1 C/A, GLONASS
SBAS	SBAS L1 C/A: WAAS, EGNOS, MSAS, GAGAN
CHANNEL/CHIP	33 Tracking Channels/99 Acquisition Channels, High-sensitivity Receiver
SENSITIVITY	Tracking & Nav: -167 dBm; Cold starts (aided): -149 dBm; Reacquisition: -161 dBm
HORIZONTAL ACCURACY	<2.5 m CEP
VELOCITY ACCURACY	0.2 m/s
ACQUISITION TIME	Cold start: 35 s; Aided Start : 2 s; Reacquisition: 1.5 s
SUPPORT AGPS	Yes
ANTENNA TYPE	Built-in
BATTERY	
TYPE	Li ion rechargeable
CAPACITY	15000 mAh/55.5 Wh
SENSORS	
ON-BOARD	Accelerometer
INPUT POWER	
CHARGING	5 VDC from charger
LOCKING/UNLOCKING MECHANISM	
E-LOCK	Unlocking of the device can be done remotely using command through SMS or Bluetooth
ENVIRONMENTAL	
OPERATING TEMPERATURE	+14 to +140° F (-10 to +60° C)
STORAGE TEMPERATURE	-4 to +158° F (-20 to +70° C)
OPERATING HUMIDITY	5 to 95%, noncondensing
MECHANICAL	
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