



Electronic Tracking Lock JT701

— Connecting the world's assets intelligently !

Jointech's JT701 GPS Electronic Lock is an intelligent e-lock embedded with GPS tracker, portable, reusable, robust physical lock with built-in sensors to provide real time monitoring of secured cargo both in transit and in stationary.

Information about the location, condition, temperature of containers is presented in real time, for all the users or interested parties to monitor and manage conveniently.

The lock function brings maximum control of the cargo, the E-locks can only be unlocked by authorized person or in specific Geofence area, ensures goods supervision and fast dispatch;

Event alert will be triggered to notify the users in real time at any unexpected occasions or deviation from predefined setting, allow them to take swift action before the cargo get damaged or loss.(eg. Lock cable cut alert, abnormal temperature alert, etc.)

Historical data with report can be traced at any time for incidence analysis and management optimization.

Case Study:

@. Carrefour/Dia project: City distribution, 2,000 units, 2017

@. Fleet up USA: Truck monitoring, 3,000 units, 2017

@. Bihar government: Mine transportation, 20,000 units, 2018

@. Comesa: Cargo transportation, 15,640 units, 2018

@. Uruguay government: Truck management, 10,000 units, 2018

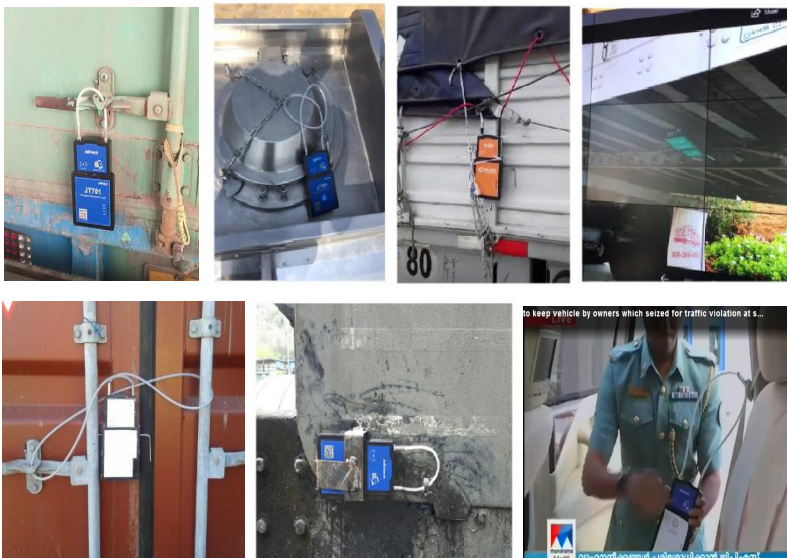
Main Features:

- ☺ Standalone lock with Live GPS tracking;
- ☺ Adjustable metal string with flexible lock method;
- ☺ Remote unlock by mobile APP, SMS, Software;
- ☺ On site unlock by authorized RFID;
- ☺ Door locking status monitoring;
- ☺ Real time tampering alert;
- ☺ IP67 waterproof grade;
- ☺ Easy to install with magnet;
- ☺ Rechargeable big battery 7 days life at 1-minute report;
- ☺ Support wireless temperature sensor for reefer

Main Specifications:

Physical Specification	Dimensions	195mm x 114mm x 37mm
	Weight	1.2kg (with standard accessories)
Material	Shell	Hardened plastic black plated
	Lock cable	304 stainless steel
Environmental Condition	Operational Temperature	-20°C -- +60°C
	Storage temperature	-40°C -- +80°C
	Operational Humidity	5 ~ 99%
	Low temperature battery available	
Cellular Communication	GSM/GPRS default	Quad band (850, 900, 1800, 1900)
	Optional modems	UMTS900/2100, UMTS850, 1900)
	Antenna type	Built-in (concealed)
	Data Channels	SMS&TCP/IP
Location	Type	GPS
	TTF	2 sec (hot start)
		Velocity: 0.2m/s (50%)
	Antenna type	Built-in (concealed)
CPU	Static RAM	48KB
	Flash Memory	256KB
Battery Supply	Type&capacity	LI-ION 15000mAh, rechargeble)
	Power input	DC 5V 2A
Power consumption	Sleep/Idle	<0.1mAh
	GPS & GPRS	<90mAh
RFID	Radio Frequency	125K
Sensor	Motion detection	3 axis accelerometer
Access Port	Type	USB / serial port
Memory	Data logs	24,000 logs

Install reference:



Certificate:



Applicaton:

- ☺ **Customs supervision**
Bonded cargo transit



- ☺ **High value cargo transport**
Electronics; rare earth, coal, metal, etc



- ☺ **City distribution**
Warehouse - chain store - customer



- ☺ **Temp/time sensitive cargo**
Medical drugs, chilled fruit/vegetable, frozen meat/sea food



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