



SMART LOCK KT191-SL

CREATIVE INNOVATION FOR
TRACKING INTERMODAL CONTAINERS
AND CONVEYANCES



KRUPP TECHNOLOGY
SOFTWARE PLATFORM



FLEET MONITORING
MANAGEMENT SOLUTION



CONTAINER MONITORING
MANAGEMENT SOLUTIONS



SMART LOCK KT191-SL

The ideal container tracking and monitoring solution for your cargo

OVERVIEW:

Smart Lock KT191-SL is a creative innovation for tracking intermodal containers and conveyances using active RFID, GPRS, GPS, 4G, 3G.

More than just a simplistic inspection system, Smart Lock KT191-SL provides security-tampering sensor. Smart Lock KT191-SL enables shippers, carriers and logistics service providers to actively monitor the security and integrity of shipments as their containers move throughout the global supply chain.

Smart Lock KT191-SL periodically reports security and environmental status via GSM infrastructure to a hosted web-base supply chain security and location visibility system.

KEY FEATURES:

- Soft cable locking mechanism.
- Strong magnetic applications make it easy to attach to steel containers and avoid vibration.
- GPS and GSM chips are embedded for location and communication capabilities.
- Powered by rechargeable lithium batteries which are capable of lasting up to 21 days.
- Material: Engineer plastic (anti-collision).
- Supports 9 alarms: steel string cut, swipe RFID tag, vibration, destroy, wrong password, low battery with anti-false alarm algorithm.
- Device can be reused many times, can be unlocked by magnetic card on-site or unlocked remotely at center over the network

SMART LOCK KT191- SL

MAIN SPECIFICATIONS

Model number	Smart Lock KT191-SL	GPS Tracking
Physical	L x W x D Standard Cable Length Weight Color Material Lock Bolt Lock Cylinder	195mm x 114 mm x 37 mm 350mm 1100g (Including standard accessories) Black Engineering Plastic Fits locks, made of plastic Made of brass, lock type is ball lock
GSM/GPRS	Bands SIM	TDD-LTE B38/B40/B41 FDD-LTE B1/B3/B5/B7/B8/B20 WCDMA/HSDPA/HSPA+ B1/B5/B8 GSM/GPRS/EDGE 850/900/1800/1900 MHz Dual - SIM slots (Support two Micro - SIM cards, dual card single standby mode)
GPS	Channel Antenna Tracking Sensitivity Location accuracy Velocity accuracy	56 Optional Extended Ephemeris A-GPS Built-in, GNSS/Cellular antenna -160dBm 2,5 meter (CEP) 0.1 m/s
Accelerometer	Acceleration sensor Type Accuracy	Motion and vibration detection 3-Axis, 20 mg accuracy, up to 8g +- 2,5 %
Electrical	Battery Active Current Drain Inactive Current Drain Indicator	Lithium battery 15000mAH (Rechargeable, built-in) DC 5V/2A charging 240mA 0.3mA Battery capacity with up to 10 days with tracking mode per 30 seconds or up to 21 days with tracking mode per 60 seconds 4 LED status (GPS location status, Network communication, Low power battery, Battery Charging) Buzzer and indicator light
Cable	Break Load	150kg
COMM port	Type	01 Port RS232, 01 Micro USB
Environmental	Operating Temperature Storage Temperature Humidity Weatherproofing	-20°C to +60°C -40°C to +80°C 5% to 95% IP68

