



# SMART LOCK KT191-SL

CREATIVE INNOVATION FOR  
TRACKING INTERMODAL CONTAINERS  
AND CONVEYANCES



KRUPP TECHNOLOGY  
SOFTWARE PLATFORM



FLEET MONITORING  
MANAGEMENT SOLUTIONS



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:

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



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