



TITANSECURE LOCK

SECURITY
TRACKING
ACCESS MANAGEMENT



GPS + CELLULAR
CONNECTIVITY



RFID



TRACK • MONITOR • PREVENT • PROTECT

TITANSecure is a versatile, reusable 3-state smart Lock that seamlessly integrates robust mechanical high security with advanced cellular, GPS, and RFID technology, optimized to deliver comprehensive cargo and logistics visibility and protection in a single solution.



TITANSECURE LOCK DETAILS

1

Real-Time Status
Visibility and alerts as the lock status changes between open, locked, and tampered

2

Global Connection
Cloud-ready connectivity combined with dedicated GPS and cellular antennas helps the lock connect around the world

3

Powered Up
With a high capacity battery, lifetime depends on shipment and environmental conditions. (Figures currently under evaluation)

4

Ready for Whatever
Built to withstand rain, snow, salt, or sun, to stay connected and protected. Engineered for harsh logistics environments

5

Unlock Flexibility
Remotely or via RFID, with secure access control and end-to-end encryption safeguarding every unlock command and user credential

6

Single Device
Security + tracking + access management with the option to use hardened metal shackle or flexible cable



REPORTING EVENTS



Lock, Unlock, Tamper



Moving, Stopping



Low Battery



Lock Inspection

PRODUCT SPECIFICATIONS

COMMUNICATIONS

Global 4G LTE (Cat M1)
2G Quad Band (850 / 900 / 1800 / 1900 MHz)
GNSS (GPS, GLONASS, BEIDOU, GALILEO)
RFID/NFC (13.56 MHz HF, MIFARE compatible)
BLE 5.2

MODEL AVAILABLE

Colors: Black
Shackle Options: Flexible cable or Hardened
Steel Materials: Ruggedized, Polycarbonated,
UV-Rated

PRODUCT SPEC & DIMENSIONS

Size (body): 3.46" (W) x 4.90" (H) x 1.48" (D)
Weight: 937g
Cable: Galvanized steel
.24" (6mm) diameter X 13" length
Shackle: Hardened steel metal
.31" (8mm) diameter
2.69" shackle clearance

OPERATING SPECIFICATIONS

Operating Temperature: -22°F - 122°F
Storage Temperature: -40° F to 158° F
Ingress Protection: IP67 (Certification pending)
Charging:
Port: USB-C (DC Input)
Input Voltage: 5V DC
Max Input Current: 2.5A
Max Input Power: 20W

BATTERY INFORMATION

Type: Li-Ion
Capacity: 9600 mAh

SENSORS

Motion, Lock, Unlock, Tamper, Shock
Event logging up to 10,000 reports

CERTIFICATIONS (all pending)

FCC, CE, IC, NOM, IFETEL
PTCRB, REACH, RoHS 2.0, Prop 65