



NT68

4G/LTE-M Container E-lock

NT68 series 4G/LTE-M container e-locks are IP67-rated smart locks integrating GPS tracking with physical security. Featuring a robust magnetic mount and a steel cable lock, they enable remote control (via app, platform, etc.) and real-time alerts for tampering or geo-fence breaches. With multi-tech positioning and global network bands,.









Applications



Container Tracking



Assets Tracking

- **Smart Lock/Unlock**
Supports flexible control via IC Card, Bluetooth, Platform, and App.
- **Multi-Tech GPS+LBS+Wi-Fi**
Reliable positioning solution leveraging both satellite and terrestrial technologies.
- **4G & 2G Network**
Different versions available for multiple regions.
- **Secure Magnetic Mount**
A powerful built-in magnet provides strong attachment to vehicles with easy installation.
- **Geo-fence Guard**
Configurable virtual zones to provide immediate notification of boundary crossing.
- **IP67 Water & Dust Resistant**
Tough, reliable design for stable operation in demanding conditions.

GNSS

Positioning system	GPS, LBS, Wi-Fi with AGPS	
Frequency	GPS L1: 1575.42MHz	
Positioning accuracy	5-10 m (5m CEP)	
Sensitivity	Tracking sensitivity: -162 dBm	Acquisition sensitivity: -148 dBm
TTFF (open sky)	Avg. cold start ≤ 35 sec	Avg. hot start ≤ 2 sec
Wi-Fi	2.4 GHz, used for indoors tracking	

Cellular

Communication network	LTE-M/NB-IoT/4G Cat1 + GSM	
Frequency	NT68E LTE-M: B1, B2, B3, B4, B5, B8, B12, B13, B14, B18, B19, B20, B25, B26*, B27, B28, B66, B71 NB-IoT: B1, B2, B3, B4, B5, B8, B12, B13, B14, B85 (* Under Development) GSM: 850, 900, 1800, 1900 MHz NT68G (Asia) LTE Cat1: B1, B3, B5, B8, B34, B38, B39, B40, B41 GSM: 900, 1900 MHz NT68U (Europe & Oceania) LTE Cat1: B1, B3, B5, B7, B8, B20, B28 GSM: 850, 900, 1800, 1900 MHz NT68D (Latin America) LTE Cat1: B2, B3, B4, B5, B7, B8, B28, B66 GSM: 850, 900, 1800, 1900 MHz	

Power

Battery	12000 mAh 3.7 V rechargeable Li-poly battery
Input voltage	DC5521, 5V DC

Interface

LED indication	Cellular (Red), GNSS (Green), Lock Status (Red/Green/Blue), Battery Indicator
Bluetooth	5.1 (Lock/Unlock and configuration by BLE)

Physical specification

Dimensions	L140 x W86 x H38 mm
Lock Body Material	Nylon with fiber reinforcement
Lock Cable Material	304 stainless steel (flexible) / Coated steel (default, Ø6mm)
Cable Tensile Strength	300 kg
Weight	682 g

Certification	FCC, CE (NT68E)
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