



# LT07

## 4G Magnetic Asset Tracker

The LT07 Series is a compact 4G magnetic tracker for long-term container and mobile asset management. Featuring a 2,700 mAh large-capacity battery, strong magnetic base, and multi-tech GPS+LBS+Wi-Fi positioning, it provides reliable location tracking. With light-sensing tamper detection and geo-fence alerts, it ensures secure.



## Applications



Logistics Transportation



Mobile Asset Management



### 3-Year Battery Life

2,700 mAh disposable lithium-ion battery, with a once-daily reporting cycle for 3+ years.



### Multi-Tech GPS+LBS+Wi-Fi

Reliable positioning solution leveraging both satellite and terrestrial technologies.



### 4G & 2G Network

Different versions available for multiple regions.



### Strong Magnetic Base

With strong magnets for secure attachment and easy mounting on various surfaces.



### Light-Sensing Tamper Detection

Automatically triggers an alert if exposed to light, preventing unauthorized removal.



### Geo-fence Guard

Configurable virtual zones to provide immediate notification of boundary crossing.

## GNSS

Positioning system	GPS, LBS, Wi-Fi with AGPS	
Frequency	GPS L1: 1575.42MHz	
Positioning accuracy	Less than 10 meters	
Tracking sensitivity	-165 dBm	
Acquisition sensitivity	Avg. cold start: -148 dBm	Avg. hot start: -159 dBm
TTFF (open sky)	Avg. cold start ≤ 35 sec	Avg. hot start ≤ 1 sec

## Cellular

Communication network	4G+2G	
Frequency	LT07G (Asia): FDD LTE: B1, B3, B5, B8 TDD LTE: B34, B38, B39, B40, B41	
	LT07U (Europe & Oceania): FDD LTE: B1, B3, B7, B8, B20, B28	
	GSM/GPRS/EDGE: B3, B8	
LT07D (Latin America):	FDD LTE: B1, B2, B3, B4, B5, B7, B8, B28, B66	TDD LTE: B40
	GSM/GPRS/EDGE: B2, B3, B5, B8	

## Power

Battery	2700 mAh 3.6 V disposable lithium-ion battery	
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## Interface

LED indication	Cellular (Red), GNSS (Green)	
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SIM	Micro-SIM	
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Data storage	4G+2G ver. 16-packet offline storage capacity	4G ver. 128-packet offline storage capacity
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## Physical specification

Dimensions	L64.5 x W41.5 x H30.5 mm (with magnet)	L64.5 x W41.5 x H27 mm (without magnet)
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Weight	100 g (with magnet)	78 g (without magnet)
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Operating environment		
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Temperature	Operating temperature: -20°C ~ +70°C	Storage temperature: -40°C ~ +85°C
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Operating humidity	5% ~ 95%	
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IP rating	IP54	
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<http://www. kingwoiot. com>

+86 15820785978 (Ava Tian)



marketing@kingwoiot.com