

D5

LTE Portable GNSS Tracker

The D5-4G is a pet-specific 4G full-network compatible positioning device, integrating 4G wireless communication technology with GPS/BDS satellite navigation systems. Featuring an industrial-grade, highly integrated, fully built-in antenna design and a three-axis sensor, it operates with intelligent power-saving wake-up functionality. Capable of real-time tracking, vibration alerts, light-based and sound-based location detection, as well as identification through name recognition, the device offers four customizable operating modes to suit various applications, with user-defined commands for mode switching. When paired with a global positioning service platform, its location can be queried anytime, anywhere.



Pet Tracking



Package Tracking



4G Communication

The 4G Cat 1 network offers broad coverage and real-time connectivity allowing remote monitoring of device status and setting adjustments via the app



Accurate and Intelligent Positioning

GPS+BDS+AGPS+WiFi+LBS Multiple positioning



Multiple Working Modes

Supports timing and intelligent modes allowing for customizable settings based on specific need



Two-Way HD Audio Communication

An alarm SMS or call can be sent to the guardian's number when an alarm occurs, and the alarm is simultaneously uploaded to the platform;



Real-time judgment

Built-in 3-axis accelerometer, combined with precise acceleration algorithms to real-time acquire the pet's current posture and other conditions for judgment;



Multiple Alerts

Supports electronic fence functionality. Users can define virtual electronic fences via the platform/app. When a device enters or exits the fence, the platform will detect it and trigger an alarm.



Compact and Portable Design

The device is lightweight and compact, with a lanyard accessory for easy carrying.

Standard Configuration

Positioning & Location

Technology	GPS+BDS+AGPS+WIFI+LBS
Accuracy	<10m CEP
Tracking sensitivity	-162dBm
Acquisition sensitivity	-148dBm
TTFF (open sky)	Avg. hot start <1sec; Avg. cold start <32sec
Antenna specifications	5mm×5mm×0.9mm
Positioning chip	AT6558R
Satellite channel	32
Positioning accuracy	<10m
Velocity measurement accuracy	<0.1m/s

Cellular

Chip model	EG915ULA
Frequency band	LTE-FDD: B2/B3/B4/B5/B7/B8/B28/B66 GSM : 850/900/1800/1900MHz
SIM	Nona SIM card
Communication antenna	Built-in FPC antenna

Power

Battery	700 mAh (polymer battery 3.7V)
Working current	4V/60mA
Idle current	4V/5mA

Physical specification

Dimensions	51*40*17mm
Weight	36g
Casing material	ABS plastic

Interface

Magnetic charging port	Line 1
serial port	Line 1
buzzer	Line 1
LED indicator light	Charging light (red) + GPS (yellow) + 4G (blue) + pet light (white)

Operating environment

Operating temperature	-20°C - 75°C
Storage temperature	-30°C - 80°C
Working humidity	Non-condensing at 10%-85 % RH
	IP67

Feature

Scenarios	Low battery alert, Geo-fence entry & exit alert&Vibration alarm
Sensor	Built-in 3-axis acceleration sensor
Remote upgrade	Support
Blind spot reporting	Support
Lighting for pets	Support
Find a pet by sound	Support

