KYNECTION
KNOWLEDGE IN MOTION

K-Battery

Non-Rechargeable

The K-Tracker Non-Rechargeable is a leader in the asset tracking industry, offering an exceptional 5-year battery life in a compact design. With global connectivity and BLE 4.2, it efficiently transmits a wide range of sensor data to your backend server, making it a versatile and multi-purpose tracking device. It provides real-time alerts for any irregularities, including location changes or impacts, and generates detailed reports, ensuring you stay informed at every step. It offers powerful tracking and monitoring for all your asset and cargo management needs.

Measured Values:

- GPS
- Location
- Easy Magnetic Install
- Low Power Consumption

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General Specifications

Battery	Operation Voltage	4.5~6V
	Type	CR123 x 4 6000mAh Replaceable Battery
Power Consumption		50μA 3.7V (Sleep)
		75mA 3.7V (Active Tracking)
General	Communication Modes	GPRS, HSPA, LTE and TCP/UDP/SMS
	Location Technology	72 Channels GPS
	Bluetooth	BLE 4.2 (Optional)
		SMS, TCP, UDP
Cellular	Data Support	B1/ 2/ 3/ 4/ 5/ 7/ 8/ 12/ 13/ 17/ 18/ 19/ 20/ 25/ 26/ 28/ 66
	LTE CAT1	Class 3 (23dBm)
	LTE Power	CAT-1: DL: 10Mpbs, UL: 5Mbps
	LTE Data Rate	850/900/1800/1900 Mhz
	GSM	Class 10
	GSM Power	1.8/3.3 V
	SIM Card	
Dimesions	Dimensions	100(L) x 55(W) x 32(H)mm
	Weight	260g (With CR123 battery)
GPS	Location	72 Channel Ublox 8 GPS (with SBAS), GPS L1 C/A Code, SBAS L1C/A, Glonass
	Technology Accuracy	L1OF SBAS 2.5m
	Tracking Sensitivity	CEP -162dBm
	Cold Start	29 Sec
	Hot Start	1 Sec
	Antenna	Patch internal Supported
	Assist GPS	Supported
	TCP Reporting	1 Message a day 1095 days or more
		4 Message a day 280 days or more
Standby Time		1 Hour Reporting 55 days or more
		1 (configuration/debug/optional)
Connectors	USB GPS Antenna GSM	Internal
	Antenna SIM Card	Internal (Embedded SIM optional)
	IP Rating	IPX7
	Operating Temperature	-40 ~ +70°C (CR123 Battery)
Environmental	Humidity	100%RH @ 50°C non-condensing
	Shock & Vibration	U.S. Military Standards 202G and 810F, SAE J1455
	EMC/EMI	SAE J1113; FCC–Part 15B
	RoHS	Compliant (Optional)
	CPU	ARM Cortex M3
	Flash Memory	4Mbit (8000 records)
On Board	3D Accelerometer	On Board