



KYLOS Mc

Rechargeable-C type

ASS53101_4G_C (G1RUS-LB-4G)

The **Kylos Mc**, a leader in the asset-tracking industry, is a compact, IP67-rated device featuring a large rechargeable battery designed to last for months with just one position update per day. 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.

In addition, the device includes built-in temperature and humidity sensors, enabling you to gather environmental information about its surroundings and monitor the condition of the assets it protects. It provides real-time alerts for any irregularities, including location changes or impacts, and generates detailed reports, ensuring you stay informed at every step. Kylos Mc offers powerful tracking and monitoring for all your asset and cargo management needs.

Measured Values:

- Location
- Low Power Consumption
- BLE 4.2 for external accessories
- Temperature and humidity measurement
- Rechargeable Battery
- Easy Magnetic Install (Potional)



KYLOS M Rechargeable



General Specifications

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Battery	Type	LI-PO Boston Power (5000mAh)
Power Consumption		50 μ A 3.7V (Sleep) 50mA 3.7V (Active Tracking) LI-PO 5000mAh -Battery Recharging Range is 0 to +45°C
General	Communication Modes	GPRS, LTE and TCP/UDP
	Location Technology	56 Channels GNSS
	Operating Voltage	4.5~6V DC
	Status LEDs	Three indication LEDs
	Bluetooth	BLE 4.2
	Temperature and humidity	Temperature accuracy: 0.1°C Relative humidity accuracy: 1% RH
Cellular	Data Support	TCP, UDP
	LTE CAT1	B1/ 2/ 3/ 4/ 5/ 7/ 8/ 12/ 13/ 17/ 18/ 19/ 20/ 25/ 26/ 28/ 66
	LTE Power	Class 5 (20dBm)
	LTE Data Rate	CAT-1: DL: 10Mbps, UL: 5Mbps
	GSM	850/900/1800/1900 Mhz
	GSM Power	Class 10
	SIM Card	1.8/3.3 V
Dimensions	Dimensions	100(L) x 55(W) x 32(H)mm
	Weight	260.5g (with Lithium battery) 260g (With CR123 battery)
GNSS	Location	GPS/Glonass/Galileo/BeiDou /QZSS L1 C/A, Glonass L10F BeiDou B1, Galileo E1 B/C SBAS L1 C/A: WAAS, EGNOS, MSAS, GAGAN
	Channels	56
	Tracking sensitivity	-167dBm
	Antenna	Patch Internal
Interface	Charging Cord	USB-C
	Serial Port	1 Serial port(TTL)
Connectors	Connector Type	USB-C
	USB	1 USB (configuration/debug)
	GPS Antenna	Internal
	GSM Antenna	Internal
	SIM Card	Internal (4FF)
Environmental	IP Rating	IPX7
	Operating Temperature	-40 ~ +70°C (CR123 Battery) -40 ~ +70°C (Rechargeable Battery)
	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)
On Board	CPU	ARM Cortex M4
	Flash Memory	4Mbit (8000 records)
	3D Accelerometer	On Board