

KYLOS SERIES – NON-RECHARGEABLE (FORMERLY KYLOS FOREVER)

Kylos M

5-year battery

GPS tracker with no wiring and no charging – up to 5 years on one battery. Easy to hide in a vehicle, machine, container or shipment.



BATTERY
CR123A Li-MnO₂



DIMENSIONS
100 × 55 × 32 mm



INGRESS PROTECTION
IPX7



OPERATING TEMP.
-40 °C ~ +70 °C

Key features

-  Up to 5 years of battery life (one position per day)
-  No wiring – installed in minutes
-  Easy to conceal – hard for thieves to find
-  56-channel GNSS: GPS, GLONASS, Galileo, BeiDou
-  4G LTE Cat-1 with global bands + GSM fallback
-  BLE 4.2 for external sensors and accessories
-  1 digital input and 1 digital output
-  Alerts for location change, movement and impact
-  IPX7 housing, optional magnetic mount

Applications



Technical specifications

Cellular	
Technology	LTE Cat-1; GSM 850/900/1800/1900 MHz (Class 10)
LTE bands	B1/2/3/4/5/7/8/12/13/17/18/19/20/25/26/28/66
LTE power / data rate	Class 5 (20 dBm); DL 10 Mbps, UL 5 Mbps
Data support	TCP, UDP
SIM card	Internal nano-SIM (4FF), 1.8/3.3 V
Location	
GNSS	GPS / GLONASS / Galileo / BeiDou / QZSS; SBAS: WAAS, EGNOS, MSAS, GAGAN
Channels	56 (3 concurrent systems)
Tracking sensitivity	-167 dBm
GPS / GSM antennas	Internal (patch)
Interfaces and memory	
Inputs / outputs	1 digital input, 1 digital output
Connectors	6-pin; 2-point cord; 1 TTL serial port; USB (configuration)
Bluetooth	BLE 4.2
Accelerometer	3D, on board
CPU / memory	ARM Cortex-M3; 4 Mbit flash (8,000 records)
Status LEDs	3 indication LEDs
Power	
Battery	CR123A, lithium/manganese dioxide (non-rechargeable)
Battery life	Up to 5 years with one position per day (depends on configuration)
Power consumption	50 µA (sleep), 50 mA (active tracking) at 3.7 V
General and environmental	
Dimensions	100 × 55 × 32 mm
Weight	260 g (with CR123 batteries)
IP rating	IPX7
Operating temperature	-40 °C ~ +70 °C
Humidity	100% RH at 50 °C, non-condensing
Shock and vibration	MIL-STD 202G, 810F; SAE J1455
EMC / RoHS	SAE J1113; FCC Part 15B; RoHS (optional)