

KYLOS SERIES – IOT SHIPPING LABEL

Kylos Label

LTE-M / NB-IoT

Ultra-thin (5.9 mm) GPS label to stick on a parcel, pallet or carton.
Tracks the shipment from dispatch to delivery and alerts on opening.



Key features

- Only 5.9 mm thin – easy to affix and conceal
- Global LTE-M / NB-IoT with automatic switching
- Dual positioning: GPS + BeiDou
- Opening detection (tamper-detection version)
- Motion and ambient light sensors
- 8 MB storage – data cached when offline
- Up to 1 year of operation (report every 24 h)
- IP67 waterproof and dustproof

Battery life

Report every 24 h		365 days
Report every 3 h		110 days
Report every 1 h		40 days

Manufacturer's typical values; depend on network coverage and temperature.

Applications



Warehouses and logistics



Cold chain



Pharma and high-value parcels

Technical specifications

Cellular	
Technology	LTE-M / NB-IoT
LTE-M bands	B1, B2, B3, B4, B5, B8, B12, B13, B14, B18, B19, B20, B25, B26, B28, B66
NB-IoT bands	B1, B2, B3, B4, B5, B8, B12, B13, B17, B19, B20, B25, B26, B28, B66
SIM card	Internal
Location and sensors	
GNSS	GPS / BeiDou
Sensors	3D accelerometer, ambient light sensor; opening sensor (tamper-detection version)
Storage	8 MB – offline caching and data export
Interface	Blue / red LED
Power	
Battery	2,500 mAh (single-use)
Report every 24 h	about 1 year
Report every 3 h	about 110 days
Report every 1 h	about 40 days
General	
Dimensions	101.6 × 127 × 5.9 mm
Weight	52.5 g
IP rating	IP67
Operating temperature	-20 °C ~ +60 °C
Certification	CE, FCC