

KEYLESS IOT PADLOCK – SUCCESSOR OF WATCHLOCK

Lokies

 4G + BLE 5.3

The padlock that locks the container and documents the journey.
Opened remotely, keyless – with a full log of who, when, where and for how long.



DIMENSIONS
80 × 80 × 32 mm
(190 mm with shackle)



WEIGHT
600 g



INGRESS PROTECTION
IP67

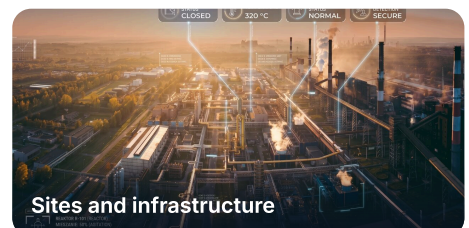
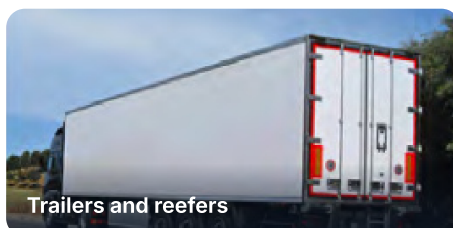
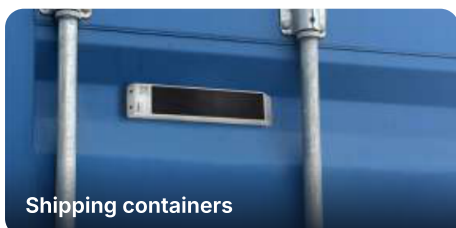


OPERATING TEMP.
-20 °C ~ +60 °C

Key features

-  Remote unlocking by authorised users – no key needed
-  Unique ID per user, lock-out of unauthorised access
-  Shackle detects cutting or tampering – instant alert
-  Rigid or flexible (cable) shackle of any length
-  Full access log: who, when, where and for how long
-  GPS tracking and route history from sealing to delivery
-  BLE 5.3 – connects to nearby sensors
-  3,000 mAh battery, optional external battery (3× the power)
-  t42 ONLINE platform (30+ languages) and Olympia app

Applications



Technical specifications

Cellular	
Communication modes	LTE Cat-1/Cat-4, WCDMA, GSM; TCP, UDP
LTE-FDD	B1/2/3/4/5/7/8/12/13/18/19/20/25/26/28
LTE-TDD	B38/39/40/41
WCDMA	B1/2/4/5/6/8/19
GSM	850/900/1800/1900 MHz (Class 10)
Max output power	GSM 850/900: 33 dBm; DCS/PCS: 30 dBm; WCDMA and LTE: 23 dBm
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
Bluetooth	
Standard	Bluetooth 5.3 (BLE), GFSK
Frequency	2402 – 2480 MHz
Max output power	4 dBm
Power	
Battery	Lithium-ion 3,000 mAh; optional external battery
Power consumption	Sleep 0.05 mA; positioning only 75 mA; cellular only 100 mA; cellular + positioning 165 mA
Charging / configuration	USB-C; 4.5 ~ 6 V DC
General and environmental	
Dimensions	80 × 80 × 32 mm (190 mm with shackle)
Weight	600 g
CPU / memory	ARM Cortex-M4; 16 Mbit flash (20,000 records)
Accelerometer / LEDs	3D, on board; 3 indication LEDs
IP rating	IP67
Operating temperature	-20 °C ~ +60 °C
Storage temperature	-40 °C ~ +85 °C