

SLC-200 (SLOC Load Carrier)

Version: 2.1 | 25.08.2020

Smart Device for container tracking (smart load carrier)



Information provided:

- Temperature
- Lid or door position
- Lid or door openings
- Motion profile
- Current location
- Battery level
- Alarm functions for all information

Fields of application (selection)

- Load carrier
- Mesh container
- Thermo container
- Large container
- Pallets
- Container

Technical specification:

Power Supply	Batteriebetrieb:	Version:	2x Li-Ionen AA
		Voltage:	2,7-3,6V
		Life-Time:	up to 10 years (depending on network quality and transmission interval)
Connectivity	Narrowband-IoT: (worldwide coverage)	Bands: B1, B2, B3, B4, B5, B8, B12, B13, B17, B18, B19, B20, B25, B26, B28, B66	
	Bluetooth LE 4.2:	2,4 GHz	
Sensors	Accelerometer:	Measuring range:	up to 16 G
		Measuring frequency:	1 Hz to 5376 Hz
	Temperatur:	Measuring range:	-55°C to +125°C
		Accuracy:	+/- 1°C from -25°C to +100°C +/- 2°C from -55°C to +125°C
GNSS:	GNSS:	Satellites:	GPS, Glonass, Galileo, BeiDou
		Time to first fix (TTFF)	35s (first startup)
		@-130dBm:	1s (active mode)
CPU	Ultra-Low Power ARM Cortex-M		
Memory	Non-volatile memory:	100.000 delete / write operations	Up to 10.000 data points
Operating Modes	Transport Mode	Sleep Mode	Active Mode
Activation	With magnet and/or rotational movement		
Operating Conditions	Temperature:	-30°C to +70°C	
	Humidity:	5% to 85% (no condensation)	
Storage Conditions	Optimum storage:	21°C at 20% relative humidity	
IP Protection Class	IP67		
Weight	105 g		
Dimensions	118x57x27 mm (LxBxH)		

