

VLITEX TEMPERATURE TRACKER

VLITEX

Smart Device for simple and reliable
temperature monitoring of
batteries and battery modules
of all kinds.

**Wireless remote
temperature monitoring**

- Ambient temperature
- Surface temperature
- Temperature rise

**Connection via
mobile network**

no additional receiving devices
necessary

**Ready for use within a
few seconds**

as already configured

Unlimited range

**Alarm when threshold va-
lues are exceeded**

via SMS and/or e-mail

**Further monitoring
parameters**

- Shock detection
- Localization

**Quick and easy
attachment**

with magnets

**Easy battery
replacement**



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TECHNICAL SPECIFICATION

Power Supply	Battery:	Version:	2x AA Lithium Iron Disulfide
		Voltage:	2.7-3.6 V
		Life-Time:	up to 5 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	
	LTE-M: (worldwide coverage)	Bands: B1, B2, B3, B4, B5, B8, B12, B13, B17, B18, B19, B20, B25, B26, B28, B66, B85	
	2G: (optional)	850/900/1800/1900 MHz	
	Bluetooth LE 5:	2,4 GHz	
Sensors	Accelerometer:	Measuring range:	up to 16 G
		Measuring frequency:	1 Hz to 5376 Hz
	Temperature:	Measuring range:	-40 °C to +85 °C
		Measuring accuracy:	+/- 0.1 °C from -25 °C to +55 °C +/- 0.12 °C from -40 °C to +70 °C +/- 0.15 °C from +70 °C to +85 °C
Locating	GNSS:	Satellites:	GPS, GLONASS, BeiDou, Galileo, QZSS
	Radio cell location:	Positioning:	Cell triangulation (CELL-ID)
Data Security	AES encryption (by default)	SIGNIT SIM Technology from G+D Mobile Security (optional)	
CPU	Ultra-Low Power ARM Cortex-M		
Memory	Non-volatile memory:	100.000 delete / write operations	Up to 50.000 data points
Operating Modes	Transport Mode	Sleep Mode	Active Mode
Activation	With magnet and integrated magnetic sensor		
Operating Conditions	Temperature:	-40 °C to +70 °C	
	Humidity:	5 % to 85 %	
Storage Conditions	Optimum storage:	21 °C at 20 % relative humidity	
IP Protection Class	IP67		
Weight	105 g		
Dimensions	118x57x29 mm (LxWxH)		