



SERCAM Solid II

Technisches Datenblatt / technical data sheet

GPS-Empfänger / GPS receiver

- ▶ 56 channels ublox 7 engine - multi-GNSS (GPS/QZSS, GLONASS)
- ▶ Fast Time-To-First-Fix with AssistNow (Online, Offline, Autonomous)
- ▶ embedded GPS antenna
- ▶ GPS acquisition rate: hot start (open sky): <1 s, hot start: ca. 5 s, cold start: ca. 35 s
- ▶ GPS-Tracking up to 10 Hz, low power consumption

GSM Modul / GSM module

- ▶ Quad-Band GSM/GPRS-Modul
- ▶ SMS, E-Mail, Call, TCP/IP, FTP, GPRS up to 85,6 kBit/s Upload
- ▶ firmware update over the air (FOTA)
- ▶ embedded Quad-Band GSM antenna

Beschleunigungssensor (ACC) / acceleration sensor

- ▶ 3-axis, 16 Bit, high sensitivity
- ▶ detection of movement and shock, definable threshold and sampling rate

Speicher / memory

- ▶ 16 MByte Flash to save up to 100.000 data records and offline tracking
- ▶ 32 kByte EEPROM to save configuration parameter and up to 128 Geofences

Batterie / battery

- ▶ Lithium iron phosphate battery (LiFePO4) for a high temperature range
- ▶ 3,2 V / 6000 mAh, wiederaufladbar (mit Zubehör) / rechargeable (accessory required)

Gehäuseeigenschaften / case characteristics

- ▶ material: polyamide, physical characteristics: 135 mm / 69 mm / 36 mm
- ▶ degree of protection: IP68 (IP69k)

Temperaturspezifikationen / temperature specifications

- ▶ Betrieb / operation: -25°C up to 80°C
- ▶ Aufladen / charging: -25°C up to 45°C

Gewicht / weight

- ▶ 480g

