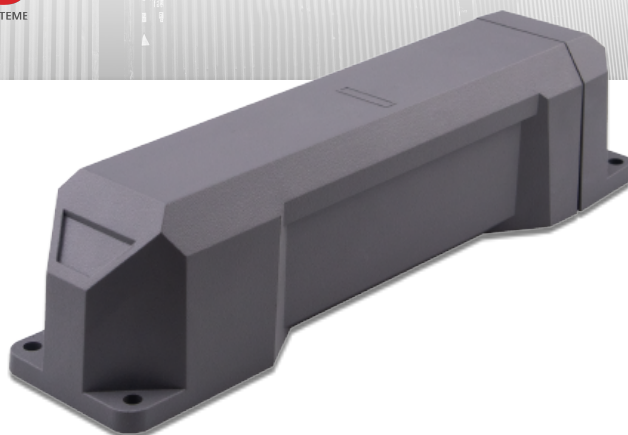# SatMARS
NAVIGATIONS- & KOMMUNIKATIONSSYSTEME

SatTRAC.extreme

| 719 g

| 250 × 58 × 61 mm

| -20°C ~ +60°C

| 57000mAh, Lithium thionyl chloride battery (non-rechargeable

Standby Time

1 SMS Report/Day	///	Up to 10 years
6 SMS Reports/Day	///	Up to 6 years
5 Min Reporting	/////////////	Up to 3 months

The SatTRAC.extreme is a product specifically designed for container, trailer or asset tracking. The rugged, IP68 waterproof design ensures that the product will perform reliably in harsh environments. The unique casing design allows rapid, flexible and low- cost installations. It can simply fixed within the container with four spikes, or by using the optional magnetic holder kit.

Thanks to the 57000 mAh ultra-high capacity battery, the product will be powered up to 10-years, so that the product will ensure precise monitoring of the asset over a long period. In addition, its user -replaceable battery brings lower maintenance cost. The built-in BLE allows connectivity to diverse wireless accessories. Wi-Fi scanning enables numerous uses in urban areas, where many wireless networks are transmitted, and in locations unreachable by GNSS.

Container Tracking
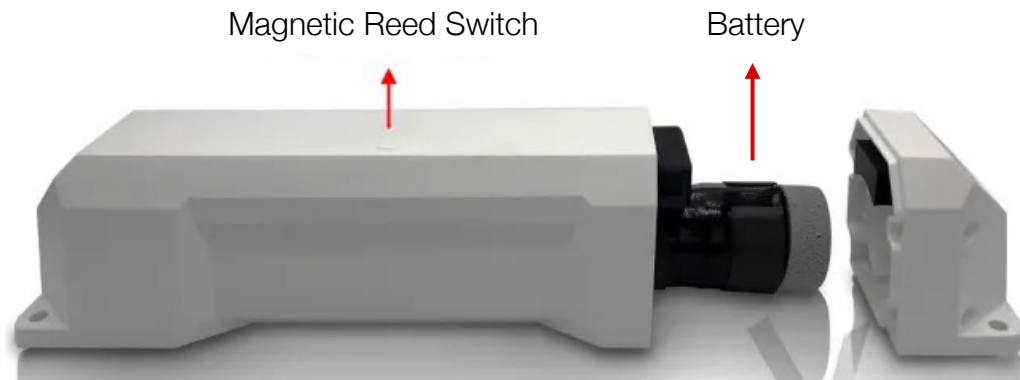
Asset Monitoring

Trailer Tracking

Signal	Operating Band	GPS Type	Pos. Accuracy (CEP)
Worldwide	GSM/GPRS	MTK GNSS Receiver	Autonomous: < 2,5 m

SatMARS
NAVIGATIONS- & KOMMUNIKATIONSSYSTEME

Appearance

Magnetic Reed Switch   Battery

Operating Bands

Operating Band	GNSS Type	Position Accuracy (CEP)
Cat M1/Cat NB1: LTE FDD: B1/B2/B3/B4/B5/B8/B12/ B13/B18/ B19/B20/B25/B26/B27/ B28/B66/B85 Cat NB2: LTE-FDD:B1/B2/B3/B4/B5/B8/B12/ B13/B18/ B19/B20/B25/B28/B66/ B71/B85 EGPRS: 850/900/1800/1900MHz	u-blox all-in-one GNSS receiver	Autonomous: < 2,5 m

Air Interface Protocol

Command Set	@track protocol command
Transmit Protocol	TCP, UDP, SMS
Working Modes	Continuous mode and Power saving mode
Scheduled Timing Reports	Position and status reports at preset intervals
Geo-Fence	Supports up to 20 geo-fence regions
Low Power Alarm	Alarm when backup battery is low
Wakeup Report	Wake up at preset intervals
Motion Detection	Motion detection based on internal 3 axis accelerometer
Reporting Frequency	Intelligent adjustment of reporting frequency