

TotalFinder ATEX

TF 200

ENCASED ATEX CERTIFIED HEAVY DUTY GPS MONITORING AND TRACKING UNIT WITH AN UNPRECEDENTED BATTERY LIFE

USAGE AND CHARACTERISTICS

- » Tracking at preselected time interval
- » Monitoring of temperature, acceleration, vibration and tilting
- » G-shock event reporting
- » NB IoT and Cat M1 connectivity (optionally)
- » Metallic plate holder for rivet installation
- » Battery life up to 12 years (6 positions a day)

MEASURES AND TRANSMITS

- » Exact position of GNSS satellite system
- » GSM cell ID and strength of GSM signal
- » Speed and direction of movement
- » Temperature
- » Tilting - removal detection
- » Battery voltage and status
- » G-shock event reporting



TYPES AVAILABLE*



TYPE	GSM	BATTERY
TF 200 206	2G	68 000 mAh - primary

*for customized solutions please feel free to contact us

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TECHNICAL PARAMETERS

GSM CONNECTIVITY	version 2G	850/900/1800/1900 MHz	
	SIM	embedded SIM Chip	
	Types of communication	GPRS	
	GPRS internet connectivity	Class 12/ static & dynamic IP VPN, UDP protocol / 128bit security encryption key / FW upgrade, configuration settings, on-line value reading, report memory reading, control	
GNSS	GPS, Glonass, Beidou	33 tracking channels, 99 acquisition channels, 210 PRN channels	
ANTENNAS	GPS, GSM	Internal	
BATTERIES	Type and capacity	LiSOCl ₂ (primary) 68 000 mAh @3,6V	
CONSUMPTION	Standby	4 mAh / day	
	Trackpoint + data sending	1,5 mAh / each position	
SENSORS	3 dimensional G sensor	Movement detection / tilt detection / vibration histogram / G-shock	
	Other sensors	Temperature	
INTERNAL MEMORY	Flash 512 kB	Capacity 5000 events or positions	
DIMENSIONS	Encased device	189 x 88 x 48 mm	
TEMPERATURE RANGE	-35 °C up to +75 °C		
PROTECTION CLASS	IP67	Waterproof	
WEIGHT	With batteries	1 200 g	
STANDARDS	EMC	EN 50121-3-2 ed.4 EN 61000-6-4:2007+A1:2011 EN 55032:2015 EN 55024:2010	
	LVD	EN 62368-1:2014+A11:2017	
	Climatic testing	EN 50155 EN 60068-2-2 EN 60068-2-1 ed.2 EN 60068-2-30 ed. 2	
	Shock and vibration	EN 61373 ed. 2	
	IP code	EN 60529	
	ATEX	 II 2G Ex ib IIB T4 Gb	 II 2D Ex ib IIIC T135°C Db

BATTERY LIFE

