

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 speed, acceleration, vibration and tilting
- » G-shock event reporting
- » ATEX certification
- » Metallic plate holder for rivet installation
- » Battery life up to 10 years (2 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
- » Tilting - removal detection
- » Battery voltage and status
- » G-shock event reporting



TYPES AVAILABLE*



TYPE	GSM	BATTERY
TF 200 206	2G	68 000 mAh - primary
TF 200 006	2G / 4G NB-IoT / Cat M1	68 000 mAh - primary

*for customized solutions please feel free to contact us

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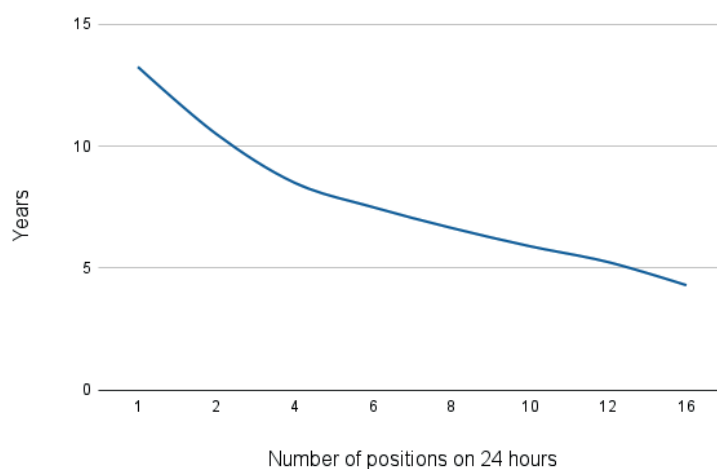
TF 200

TECHNICAL PARAMETERS

GSM CONNECTIVITY	version 2G	850/900/1800/1900 MHz
	version 4G NB-IoT/Cat M1	B1@2100MHz, B3@1800MHz, B8@900MHz, B5@850MHz, B20@800MHz, B28@700 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 / G-shock
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	EN IEC 60079-0:2018, EN 60079-11:2012 <div style="display: flex; justify-content: space-around; align-items: center;">  II 2G Ex ib IIB T4 Gb  II 2D Ex ib IIIC T135°C Db </div>

BATTERY LIFE

TotalFinder ATEX - Interval Tracking



Expected conditions:

- > GPS and GSM signals have no significant obstacles
- > Temperature in range from 15°C up to 25°C



Plhovska 1997, 547 01
Nachod, Czech republic

tel: +420 491 446 611
fax: +420 491 446 644
email: level@level.systems

Data Box ID: tsjdcq
IČ: 474 69 374
DIČ: CZ 474 69 374

www.level.systems
C 2701 District court
Hradec Kralove

