

TotalFinder Industrial

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
- » Battery life up to 10 years (2 positions a day)
- » Easy installation by extremely strong magnets
- » Metallic plate holder for installation by rivets
- » NB IoT and Cat M1 connectivity (optionally)

MEASURES AND TRANSMITS

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



TYPES AVAILABLE*

TYPE	GSM	BATTERY
TF 200 207	2G	76 000 mAh - primary
TF 200 007	4G IoT / 2G	76 000 mAh - primary

*for customized solutions please feel free to contact us

ACCESSORIES

MD TF2 001	Metallic plate holder for rivet installation
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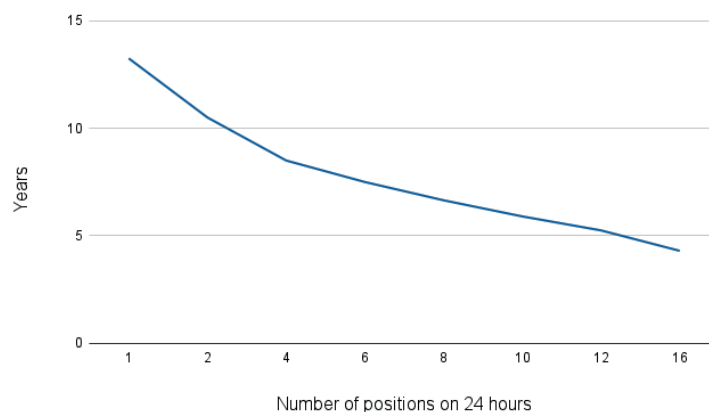
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TECHNICAL PARAMETERS

GSM CONNECTIVITY	version 2G	850/900/1800/1900 MHz
	version 4G LTE Cat NB IoT	B1@2100MHz, B3@1800MHz, B8@900MHz, B5@850MHz, B20@800MHz, B28@700 MHz
	version 4G LTE Cat M1 /NB IoT/ EGPRS	B1/B2/B3/B4/B5/B8/B12/B13/B18/B19/B20/B26/B28/B39 - for Cat M1 only @LTE 850/900/1800/1900 @EGPRS
	SIM	embedded SIM CHIP
	Types of communication	GPRS
	Calls	Alarm call
	SMS	Alarm & Info SMS, SMS commands, requests, SMS configuration
	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	LiSOC12 (primary) 76 000 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 mm	Plastic box	189 x 88 x 48 mm
	Metallic holder	Length 229.78 / Width 88, Distance of holes 218 / 55, Hole diameter 6.5
TEMPERATURE RANGE	-35 °C up to +75 °C	
PROTECTION CLASS	IP69	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

BATTERY LIFE

TotalFinder Industrial - Interval Tracking



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



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