

TotalFinder I

HEAVY DUTY INDUSTRIAL GPS TRACKING UNIT WITH AN UNPRECEDENTED BATTERY LIFE AND **REPLACEABLE BATTERY**

USAGE AND CHARACTERISTICS

- » Tracking at preselected time interval
- » Monitoring of speed, acceleration, vibration and tilting
- » G-shock event reporting
- » Battery life up to 8 years (4 positions a day)
- » Replaceable battery
- » Installation by metallic plate holder or magnetic pad
- » 4G IoT | 2G



MEASURES AND TRANSMITS

- » Exact position via GNSS satellite system
- » GSM cell ID and strength of GSM signal
- » Direction of movement
- » Acceleration, tilting
- » Tilting - removal detection
- » Temperature
- » Battery voltage and status
- » G-shock event reporting
- » Possibility to connect bluetooth sensors

TYPES AVAILABLE*

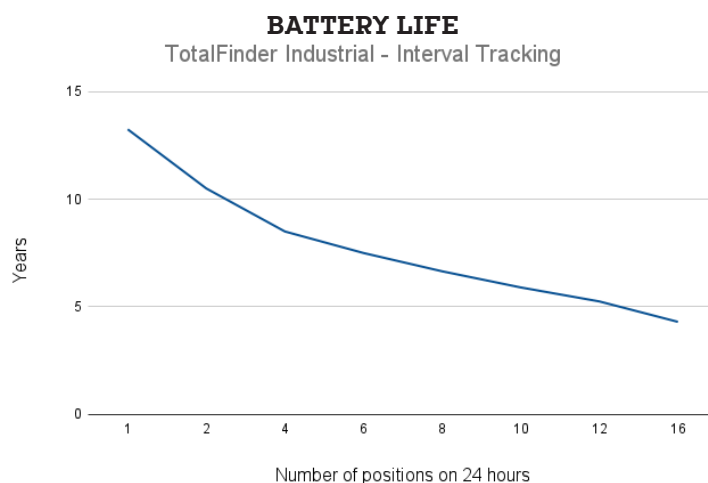
TYPE	GSM	BLUETOOTH	BATTERY
TFI 100 007	4G IoT 2G	-	76 000 mAh - primary replaceable
TFI 102 007	4G IoT 2G	Bluetooth 5.0	76 000 mAh - primary replaceable

*for customized solutions please feel free to contact us

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TECHNICAL PARAMETERS

GSM CONNECTIVITY	version 4G NB-IoT/ Cat M1	B1/B2/B3/B4/B5/B8/B12/B13/B18/B19/B20/B26/B28/B39
	SIM	Chip SIM - non-interchangeable
		Nano SIM
	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, Galileo	60 tracking channels, 99 acquisition channels, 210 PRN channels
ANTENNAS	GPS, GSM, Bluetooth	Internal
BATTERIES	Type and capacity	LiSOC12 (primary) 76 000 mAh @3,6V replaceable
CONSUMPTION	Standby	4 mAh / day
	Trackpoint + data sending	1,5 mAh / each position
SENSORS	3 dimensional G sensor	Movement detection / tilt detection / G-shock/ Temperature
	Possibility to connect Bluetooth sensors	
INTERNAL MEMORY	Flash 512 kB	Capacity 5000 events or positions
DIMENSIONS mm	Without metallic plate holder	216 x 100 x 45
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



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



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