

TotalFinder IS

HEAVY DUTY INDUSTRIAL GPS TRACKING UNIT WITH SOLAR CHARGING

USAGE AND CHARACTERISTICS

- » Tracking at preselected time interval
- » Monitoring of speed, acceleration, vibration and tilting
- » G-shock event reporting
- » Solar charging
- » 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
20122715	4G IoT 2G	Bluetooth 5.0	15 Ah
20122716	4G IoT 2G	-	15 Ah

*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
		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
ANTE N	GPS, GSM, Bluetooth	Internal
NAS	Type and capacity	Li-Ion 15 Ah
BATTERIES CONSUMPTION	Standby	4 mAh / day
	Trackpoint + data sending	1 mAh / each position
	Solar panel gain	5-200 mA according to light intensity
SE NSORS	3 dimensional G sensor	Movement detection / Tilt detection / G-shock / Temperature
	Possibility to connect Bluetooth sensors (TFI 172 002)	
INTERNAL MEMORY	Flash 512 kB	Capacity 5000 events or positions
DIMENSIONS mm	Without metallic plate holder	216 x 100 x 35
TEMPERATURE RANGE	-35 °C up to +80 °C	
PROTECTION CLASS	IP67	Waterproof
WEIGHT	With batteries	720 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