

Technical parameters

Physical characteristics

Parameter	Value
Dimensions (mm)	W: 65, L: 56, H: 20
Weight (g)	55
Humidity	5%-től 95%-ig (nem lecsapódó)
Water resistance	IP41
Operating temperature	from -40C to +85C
Storage temperature (without battery)	from -40C to +85C
Storage temperature (with battery)	from -20C to +40C
Charging temperature	from 0C to +45C

Memory

Parameter	Value
Built-in	128 MByte
SD card	Micro

Energy supply

Parameter	Value
Battery	Li-ion polimer 3.7V 170mAh
Input voltage	10-30V
Charging	Vehicle power source, overcharge protection
Charging outside temperature	from 0C to +45C

Operating time

Parameter	Value
Standby time (on battery)	30 minutes

Network

Parameter	Value
GNSS	GPS, GLONASS, GALILEO, BEIDOU, SBAS, QZSS, DGPS satellite networks
Type of data traffic	GSM / GPRS (2G)
SIM card	Micro + eSIM
GSM frequencies	850, 900, 1800, 1900 MHz
GSM chip	TM2500
GSM signal strength measurement	Yes
GPS chip	TM2500
GPS sensitivity	-165 dbm
GPS accuracy	3 m

Communication

Parameter	Value
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SMS	Yes
TCP	Yes
Bluetooth	Yes

Sensors

Parameter	Value
Accelerator	Yes

Interface

Parameter	Value
LED indicator	Yes
USB	2.0, micro
GSM antenna	Internal
GPS antenna	Internal
Analog input	Yes
Digital input	Yes
Digital output (relay)	Yes

More information: <https://teltonika-gps.com/product/fmb140/>

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