

Mapon Expert LTE Cat M1

specification

General

Size and weight

Height: 101 mm
Width: 123 mm
Depth: 22 mm
Weight: 140 g

Memory

64Mbit Flash memory

Power and battery

Li-ion backup battery 700 mAh
Operating voltage 10V to 30V DC
Average current consumption 250 mA



Interfaces

Digital inputs

1x Input reserved for ignition status
2x positive trigger inputs (max 30V)
1x negative trigger input

Analog inputs

2x 0 to 30V
2x 0 to 5V

Other

SMA connector for GPS antenna
1-Wire Input (up to 6 devices)
2x CANbus interfaces
3x RS-232
USB port
1x digital output

GNSS/Cellular

LTE Cat M1

LTE FDD:
B1/B2/B3/B4/B5/B8/B12/B13/B18/
B19/B20/B25/B26/B28
LTE TDD: B39
EGPRS: 850/900/1800/1900MHz

Location

GPS, GLONASS, Galileo, QZSS
Acquisition: -149dBm
Tracking: -167dBm
Reacquisition: -161dBm

Other

Status indicator

LED

Environmental requirements

Operating temperature: -40° to 85° C
Relative humidity: 5% to 95%
non-condensing

Standard set

Mapon Expert
External GPS antenna
Documentation