

# Mapon Expert 2 4G LTE CAT 1

## specification

### Size and Weight

Height: 101 mm

Width: 123 mm

Depth: 22 mm

Weight: 154g

### Power and Battery

Li-ion backup battery 700mAh

Operating voltage 7V to 30V DC

Average current consumption 80mA

Maximum current consumption 2.5A



### Memory

64Mbit Flash memory

### Interfaces

4x digital inputs (max 30V)

4x analog inputs (max 30V)

3x RS-232 interfaces

3x CAN interfaces

RS-485 interface

K-Line interface

3x digital outputs

SMA connector for GPS antenna

USB port

### GNSS/Cellular/BLE

#### 4G LTE CAT 1

LTE FDD: B1/B3/B7/B8/B20/B28A

GSM/EDGE: B3/B8

#### Location

GPS, GLONASS, Galileo, QZSS

Acquisition -149dBm

Tracking -167dBm

Reacquisition -161dBm

#### BLE

BLE 5.2

### Other

Status indicator

LED

### Environmental requirements

Operating temperature: -20°  
to +45° C (with battery)

Relative humidity 5% to 95%  
non-condensing

### Standart set

Mapon Expert

External GPS antenna

Documentation