



329.00 EUR

incl. 19% VAT, plus [shipping](#)

- LTE-M communication !
- Kineis satellite connectivity !
- Motion-Sensor !

KT-520M is a GPS tracker with both LTE-M and Kineis satellite connectivity. This device will be used to locate vehicles/assets travelling between different locations, and transmit the location information via LTE-M, or Kineis satellite when there is no LTE-M coverage.

- LTE-M communication
- Kineis satellite connectivity
- Built-in GNSS solution
- Built-in 3-axis accelerometer for motion detection capability
- The device is powered by a SAFT D size 17Ah non-rechargeable battery
- Expected battery life of 5 years based 12 messages via LTE-M or 20 messages via Kineis per day
- The device shall operate in ambient temperature between -20°C and +55°C.
- Maintenance-free design.
- Configurable periodic report.
- The device shall measure or estimate the remaining battery level.
- It is possible to update the device firmware via LTE-M.
- Weight : approx. 280g
- Dimensions : 84.5 x 130.8 x 44 mm
- Ingress Protection : IP69K

|                     |                     |
|---------------------|---------------------|
| LTE-M Connectivity  | SIMCom LTE-M module |
| Kineis Connectivity | Kineis KIM1 module  |

|                        |                                                                                                               |
|------------------------|---------------------------------------------------------------------------------------------------------------|
| LTE-M Antenna          | Internal Antenna                                                                                              |
| Kineis Antenna         | Internal Antenna (400MHz)                                                                                     |
| Transmission Frequency | Kineis @ 401MHz center frequency                                                                              |
| Bandwidth              | 4 MHz                                                                                                         |
| Output Power           | 1000mW                                                                                                        |
| BLE                    | Built-in BLE chipset                                                                                          |
| GNSS                   | High sensitivity GNSS solution                                                                                |
| G-Sensor               | 3-axis accelerometer                                                                                          |
| Battery                | SAFT LS-33600 D size 17Ah non-rechargeable battery                                                            |
| Operation Temperature  | -20■ ~ +55■                                                                                                   |
| Button                 | 1 Button                                                                                                      |
| LED                    | 1 RGB LED                                                                                                     |
| Weight                 | <b>Estimated Weight 270g</b>                                                                                  |
| Dimensions             | W 84.5 x L 130.8 x D 44.0 mm                                                                                  |
| Ingress Protection     | IP69K                                                                                                         |
| Impact Protection      | IK10                                                                                                          |
| Certification          | <b>■ FCC (TBC)</b><br><b>■ CE, EMC, Safety (TBC)</b><br><b>■ WEEE/RoHS (TBC)</b><br><b>■ IP69K/IK10 (TBC)</b> |