

# FMM003 Datasheet



## OVERVIEW

|                      |                                                                                                                                                                                                   |
|----------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Typical applications | Ideal for all vehicle types that need a simple installation using the OBDII socket.                                                                                                               |
| Use cases            | <ul style="list-style-type: none"> <li>Monitor periodic and historical location</li> <li>Create simple, compliant mileage claims</li> <li>Automate servicing and inspection schedules.</li> </ul> |

## GENERAL SPECIFICATIONS

|                   |                                        |
|-------------------|----------------------------------------|
| Dimension         | 67.2×35×49.6mm                         |
| Weight            | 63g                                    |
| Battery (back-up) | 170 mAh Li-Ion battery 3.7 V (0.63 Wh) |
| Battery life      | NA                                     |
| Location updates  | Every 60 second when powered           |

## OPERATING ENVIRONMENT

|                               |                          |
|-------------------------------|--------------------------|
| Operating temperature         | -40°C to +85°C           |
| Storage temperature           | -40°C to +85°C           |
| Operating humidity            | 5% to 95% non-condensing |
| Battery discharge temperature | -20°C to +60°C           |

## INTERFACE

|                  |                                      |
|------------------|--------------------------------------|
| Connection       | OBDII socket                         |
| GNSS antenna     | Internal High Gain                   |
| Cellular antenna | Internal GSM High Gain               |
| LED indication   | 2 status LED                         |
| Configuration    | Automatic OTA (Over The Air) updates |

## CONNECTIVITY

|                      |                                                                                                                         |
|----------------------|-------------------------------------------------------------------------------------------------------------------------|
| Technology           | LTE CAT M1/CAT NB2/EGPRS/GNSS/BLUETOOTH® LE                                                                             |
| GNSS                 | GPS, GLONASS, GALILEO, BEIDOU, SBAS, QZSS, DGPS, AGPS                                                                   |
| Tracking sensitivity | -165 dBm                                                                                                                |
| Position accuracy    | <3m                                                                                                                     |
| 2G bands             | EGPRS: B2/B3/B5/B8                                                                                                      |
| 4G bands             | CAT M1: LTE-FDD: B1-B5/B8/B12/B13/B18-B20/B25-B28/B66/B85<br>CAT NB2: LTE-FDD: B1-B5/B8/B12/B13/B18-B20/B28/B66/B71/B85 |
| Receiver             | 33 channel                                                                                                              |
| Global Network       | Yes, when powered                                                                                                       |

## CERTIFICATIONS & APPROVALS

|           |                           |
|-----------|---------------------------|
| IP grade  | IP41                      |
| Approvals | CE/RED, E-Mark, RCM, UKCA |