

FMC003 Datasheet



OVERVIEW

Typical applications	Ideal for all vehicle types that need a simple installation using the OBDII socket.
Use cases	- Monitor periodic and historical location - Create simple, compliant mileage claims - Automate servicing and inspection schedules.

GENERAL SPECIFICATIONS

Dimension	67.2×25×49.6mm
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(Cat1)/2G(GSM/GPRS)/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	B1/B3/B7/B8/B20/B28 LTE-TDD:B38/B40/B41
Receiver	33 channel
Global Network	Yes, when powered

CERTIFICATIONS & APPROVALS

IP grade	IP41
Approvals	CE RED, E-Mark, RCM, SIRIM, CITC, Anatel

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Technology	LTE CAT M1/CAT NB2/EGPRS/GNSS/BLUETOOTH® LE
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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 CAT NB2: LTE-FDD: B1-B5/B8/B12/B13/B18-B20/B28/B66/B71/B85
Receiver	33 channel
Global Network	Yes, when powered

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