

Specyfikacja samochodowego terminala GPS

typ: FMB140 AKU



FMB140 AKU**Opis ogólny**

Terminal FMB140 to nowoczesne urządzenie dedykowane do e-TOLL (OBU). Zostało wyposażone w łączność Bluetooth, wewnętrzne anteny GPS i GSM oraz w zintegrowaną baterię. Zostało zaprojektowane do śledzenia pojazdów. Zastosowania to: telematyka ubezpieczeniowa, wynajem samochodów, odzyskiwanie skradzionych samochodów, usługi bezpieczeństwa publicznego, transport dostawczy, taksówki i wiele innych.

MODULE

Name	FMB140
Technology	GPS, GPRS, SMS, Bluetooth

GNSS

GNSS	GPS, GLONASS, GALILEO, BEIDOU, QZSS, AGPS
Receiver	33 channel
Tracking sensitivity	-165 dBm
Accuracy	< 2.5m CEP
Hot start	< 1 s
Warm start	< 25 s
Cold start	< 35 s

CELLULAR

Technologia	GSM
2G bands	Quad-band 850 / 900 / 1800 / 1900 MHz
Data transfer	GPRS Multi-Slot Class 12 (up to 240 kbps), GPRS Mobile Station Class B
Data support	SMS (text/data)

POWER

Input voltage range	10 - 30 V DC with overvoltage protection
Back-up battery	170 mAh Li-Ion battery 3.7 V (0.63 Wh)

BLUETOOTH

Specification	4.0 + LE
Supported peripherals	Temperature and Humidity sensor, Headset, OBDII dongle, Inateck Barcode Scanner, Universal BLE sensors support

INTERFACE

Digital Inputs	3
Negative Inputs	1 (Digital Input 2)
Impulse Inputs	2 (Digital Input 1, Digital Input 2)
Digital Outputs	2
Analog Inputs	2
CAN interfaces	2
1-Wire	1 (1-Wire data)
GNSS antenna	Internal High Gain
Cellular antenna	Internal High Gain
USB	2.0 Micro-USB
LED indication	3 status LED lights
SIM	Micro-SIM + eSIM
Memory	128MB internal flash memory

PHYSICAL SPECIFICATION

Dimensions	65 x 56,6 x 20,6 mm (L x W x H)
Weight	55 g

OPERATING ENVIRONMENT

Operating temperature (without battery)	-40 °C to +85 °C
Storage temperature (without battery)	-40 °C to +85 °C
Operating humidity	5% to 95% non-condensing
Ingress Protection Rating	IP41
Battery charge temperature	-0 °C to +45 °C

Battery discharge temperature	-20 °C to +60 °C
Battery storage temperature	-20 °C to +45 °C for 1 month -20 °C to +35 °C for 6 months
