

EZ750

ADVANCED VEHICLE MANAGEMENT GATEWAY

Built for both light and heavy-duty vehicles, the EZ750 is a feature-rich tracking solution, with a robust device management system that is easily scalable to millions of devices. The EZ750's advanced driver-behavior analysis maximizes safety on the road, while enterprise-grade security keeps your sensitive data safe.

Key Features

- Dual CAN interface supports light and heavy-duty vehicles
- Powerful, scalable, cloud-based device management with Open API
- Accurate odometer based on GPS, wheel speed and ECU
- Integrated LTE Cat 4 cellular with 3G fallback
- Wi-Fi hotspot & v5.2 Bluetooth Low Energy
- Backup battery
- Advanced virtual ignition detection system

Market Applications

- Light and Heavy-Duty Vehicle Management
- Business Fleet Management
- Insurance Management
- Service Vans and Trucks
- Heavy-Duty Equipment



Specifications

GLOBAL CELLULAR TECHNOLOGY

CAT 4, FDD	B1/B2/B3/B4/B5/B7/B8/B12 B13/B18/B19/B20/B25/B26/B28
CAT4, TDD	B38/B39/B40/B41
3G	WCDMA B1/B2/B4/B5/B6/B8/B19
2G	GSM 850/900/1800/1900 MHz

CASE

DIMENSIONS	7.3" X 3.23" X 1.22" (184MM X 82MM X 31MM)
WEIGHT	0.63LB (280G)
HOUSING	INDUSTRIAL-GRADE POLYCARBONATE (PC) INGRESS PROTECTION (IP): 4X

ENVIRONMENT

OPERATING TEMP	POWERED: -40°C TO +70°C BATTERY: -20°C TO +60°C CHARGING: 0°C TO +45°C
	ROHS, REACH, SAEJ1455 [THERMAL SHOCK (1*), HUMIDITY (2*), MECHANICAL VIBRATION, MECHANICAL SHOCK, ELECTROSTATIC DISCHARGE]
	(1*) (2*) INSIDE OPERATING TEMPERATURE RANGE

LOCAL AREA CONNECTIVITY

WiFi	802.11 B/G/N/AC 2.4GHZ + 5GHZ
BLE	V5.2 (MASTER, SLAVE, LE DATA PACKET LENGTH)
USB	MASS STORAGE (HOST), ACCM (CLIENT)



CERTIFICATIONS

FCC, IC, PTCRB

LOCATIONS

GPS (MULTI-CONSTELLATION)
ASSISTED ACQUISITION: 2S (VIA CLOUD)
ACQUISITION SENSITIVITY: -160DBM (3*)
TRACKING SENSITIVITY: -167DBM (4*)

(3*) (4*) BASED ON GPS CHIPSET SPECIFICATION

INTERNAL SENSORS

9-AXIS IMU, BATTERY LEVEL

INTERNAL ANTENNAS

CELLULAR PRIMARY AND SECONDARY, GPS, BLUETOOTH, WIFI

USER INTERFACE

POWER BUTTON, 5 LEDs, BUZZER

EXTERNAL CONNECTORS

CELLULAR PRIMARY
GPS
USB
POWER IN (6-48VDC)
POWER OUT (20W)
1-WIRE TECHNOLOGY (5*)
ADC (48V) X 2
DIGITAL INPUT X 4
PROGRAMMABLE BIAS
DIGITAL OUTPUT X 3
IGNITION INPUT
CAN 2.0B X 1 (ISO-15765 OR J1939)
CAN 2.0B OR FD X 1 (ISO-15765 OR J1939)
RS-232 X 2
ISO-9141
J1708

(5*) 1-WIRE IS A REGISTERED TRADEMARK OF
MAXIM INTEGRATED PRODUCTS, INC.

SECURITY

SECURE BOOT, TLS/SSL

BACKUP POWER

BATTERY	1.3AH
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Specifications are subject to change. Please see your
Global Cloud Fleet contact for more details.