GemOne®

GEM-OX-C

Technical specifications

Our telematic hardware stands up to industrial demands.

With our GEM-OX-C device, you choose quality, for every make or model. The Onyx hardware is robustly built, is IP67-certified and is CAN enabled to read out CANBus data and error codes.

Plug and play. It's that simple.

Power

Working voltage:	10 - 97V DC with over voltage protection
Battery:	1800 mAh Li-Ion internal backup battery (UN nr. 3480)

Physical specifications

Dimensions:	72.5 × 73 × 27.3 mm
Weight:	205g
Ingress protection:	IP67
Operating temp.:	-40°C to +85 °C
Conformity & Certifications:	CE/RED, E-Mark, EAC, RoHS

GSM (data)

Internal high gain antenna

2G Quad-band 850 / 900 / 1800 / 1900 MHz

SMS / TCP / UDP

Internal 128MB flash memory for data

Connectivity

Bluetooth 4.0 + LE

2 status LEDs

1 CAN-bus

4 digital inputs *

2 digital outputs *

2 analog inputs *

1-wire interface + power

(*) Shared IO - depending on configuration

GNSS (positioning):

Receiver:	GPS, GLONASS, GALILEO, BEIDOU, SBAS, QZSS, DGPS, AGPS
Antenna:	Internal high gain antenna
Accuracy:	< 3 meters

Supported peripherals

Built-in accelerometer

iButton reader

Keypad / RFID reader

For all industrial mixed fleets, regardless of the make or model

Contact us on info@gemone.com for more information or a demonstration of the full GemOne Onyx solution.

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