

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.

Onyx

Power

Working voltage: 10 - 97V DC with over voltage protection

Battery: 1800 mAh Li-Ion internal backup battery (UN nr. 3480)

Physical specifications

Dimensions: 2.854 × 2.874 × 1.075 inch

Weight: 0.45 lb

Ingress protection: IP67

Operating temp.: -40°F to 185°F

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: < 9.84 ft

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.

