

**GemOne®**

# GEM-OX-L

## Technical specifications



**Our telematic hardware stands up to industrial demands.**

With our GEM-OX-L device, you choose quality, for every make or model. The Onyx hardware is robustly built, is IP67-certified and is therefore dust- and water-resistant.

# Plug and play. It's that simple.

Onyx

## Power

**Working voltage:** 6 - 30V DC with over voltage protection

**Battery:** 400 mAh Ni-MH internal backup battery

## 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, REACH

## 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

3 digital inputs

2 digital outputs

1 analog input

1-wire interface + power

## 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

RFID reader

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

Contact us on [info@gemone.com](mailto:info@gemone.com) for more  
information or a demonstration of the full GemOne  
Onyx solution.

