

# BG07 smart**fittings** Micro Gateway Guide

## Product Description

The smart**fittings** micro gateway is a small and lightweight solution to integrate data from up to 30 Cyclops Load Sensors, outputting the live data to modern marine electronics and allowing data to be viewed from anywhere on your boat via existing on-board displays. It is designed to plug directly into electronics and is environmentally protected to IP67.

## Installation

Simply plug the micro gateway into an NMEA2000 network and configure your sensors using the “BG07 Setup Tool”.

Before installation, ensure:

- If the boat hull/deck is constructed of carbon fibre, it is highly recommended to purchase an optional dome antenna, so that there is direct line of sight between the sensor and antenna. This requires having the antenna mounted on deck, with the gateway below deck, so that there is no carbon fibre in the line of sight. For boats with a mainly fibreglass construction, this shouldn't be necessary.
- Cyclops Load Sensor is powered on.
- Antenna is screwed onto the gateway.
- Electronics are switched off at the switch panel.

## LED Light Indication

The micro gateway will flash its green led once when it is powered on and toggle red led every 30 seconds.

After setup and configuration of the micro gateway, the green led will flash according to the configured refresh period of each individual sensor connected to it.

## Safety

Please read all instructions before installing smart**fittings** micro gateway. Consult a professional before undertaking installation if at all unsure.

## Technical Data

Max Current Consumption	80mA
Input Voltage	12V
Output Rate	10 Hz (configurable)
Bluetooth	BLE 4.2
Dimensions	95 x 25 x 25 mm
Mass	37g
Housing	Acetal, IP67 rated

## BG07 Setup Tool

Visit [bg07.cyclopsmarine.com](http://bg07.cyclopsmarine.com) to configure the BG07, or use the Gateways feature in the smart**fittings** manager iOS application. The Setup Tool webapp works on mobile or desktop. Alternatively, scan the QR code.

