



# Datasheet

Marlin<sup>+</sup>

Product no. B11P and B11PA



## Wireless central monitoring and control unit

Designed for RAS, ponds, sea cages and shrimp farms

Intended use

The OxyGuard Marlin+ is designed for continuous monitoring of key water quality parameters in all types of aquaculture installations. It serves as a central unit for connecting and managing OxyGuard probes and related equipment, providing reliable wireless communication and seamless integration with the Cobália platform.

**Marlin+ Standard** is intended for monitoring, offering accurate and continuous measurement of water quality parameters. **Marlin+ Advanced** is intended for monitoring and control, adding expanded functionality for managing processes such as aeration, feeding, alarm handling and other automated tasks. Both versions share the same physical design, and Marlin+ Standard can be upgraded to Marlin+ Advanced at any time.

| Technical specifications | Marlin+ STANDARD                                             | Marlin+ ADVANCED                                               |
|--------------------------|--------------------------------------------------------------|----------------------------------------------------------------|
| Probe channels           | 1 digital or analog probe                                    | 2 × digital <u>or</u><br>1 × analogue + 1 × digital probe      |
| 4–20 mA I/O              | 1 × galvanically isolated 4–20 mA I/O channel                | Up to 4 × galvanically isolated 4–20 mA I/O channels           |
| Digital I/O              | -                                                            | Up to 4 × configurable digital I/O channels                    |
| Relay                    | 1 × alarm or probe cleaning relay                            | 4 × configurable relays<br>+ 1 × alarm or probe cleaning relay |
| Display                  | 4.3" colour touchscreen                                      | Same                                                           |
| Power supply             | 24 VDC                                                       | Same                                                           |
| Connectivity             | Wi-Fi, Bluetooth, cabled Ethernet                            | Same                                                           |
| PLC / SCADA interfaces   | Modbus/TCP, P-Net/IP, 4–20 mA                                | Same                                                           |
| Automatic compensations  | Barometric pressure<br>(and others configurable via Cobália) | Same                                                           |
| Calibration              | On-screen                                                    | Same                                                           |
| Firmware updates         | Via Internet (wired or wireless) or on the Cobália Sync app  | Same                                                           |
| Housing                  | High-impact ABS, IP67 weatherproof                           | Same                                                           |
| Operating temperature    | -20 °C to +60 °C / -4 °F to +140 °F                          | Same                                                           |
| Dimensions               | W199 × H198 × D88 mm                                         | Same                                                           |
| Upgrade option           | Can be upgraded to Marlin+ Advanced                          | —                                                              |

Order information / part numbers

|                                             |                                  |
|---------------------------------------------|----------------------------------|
| Marlin+ Standard                            | Item no: B11P                    |
| Marlin+ Advanced                            | Item no: B11PA                   |
| Upgrade kit; From Standard to Advanced      | Item no: B11PADD                 |
| Power supply, IP67, 60 W, EU plug / US plug | Item no: B10PWS60EU / B10PWS60US |

Compatible probes:

D40C4 DO (Dissolved Oxygen), D30 LDO (Optical Dissolved Oxygen), G10PMP CO<sub>2</sub>, K01SVPLD pH, K01SVRLD Redox / ORP, F01 TGP (Total Gas Pressure), D061PM Temperature, I01FSP Salinity, G20L Ozone and 4–20 mA input (e.g. Model 420)

Data subject to change without notice; Marlin, no. B11P / B11PA datasheet UK 2026 09