

# 2082 BluFin



## Key features

- Bluetooth connectivity
- Ruggedised, light & compact design
- Easy configuration of 1100 and 1000 series acoustic positioning beacons
- Intuitive charging of applied acoustic positioning beacons, no setup required
- Charge monitoring and diagnostic functionality
- Reduces setup time of equipment
- Bespoke design for offshore environments
- Long battery life

## 2082 BluFin Overview

The 2082 BluFin is a pocket-sized device with Bluetooth connectivity for the charging and configuration of 1100 and 1000 series Mini beacons.

Intuitive charging of applied acoustics positioning beacons, reducing equipment set-up time and user interaction prior to deployment via the BluFin mobile application.

## Mechanical Specification:

Physical dimensions: 79mm x 57mm x 33mm

600mm MC-IL-5-F Pigtail

## Environmental Specification:

IP66 rated housing

Storage -20° to 60°

Operation: 5°C to 40°C

Charge: 5°C to 30°C

## Electrical Specification

<b>Charging:</b>	4-way charge Port, Power and Comms Interface lead supplied
<b>DC input:</b>	30V 1.5A, 2.1mm DC socket
<b>Battery:</b>	Internal 3.6V 150mA rechargeable NiMH
<b>Operational Life:</b>	6 hours* *Assuming constant pairing to a mobile device without connection to DC power
<b>Standby life:</b>	1 year
<b>Charge Time:</b>	30 hours (exhausted to full charge) ** **Unit can still be used while trickle charging

## Bluetooth Specification

### CERTIFIED TO FCC, ISED, CE, KCC, NCC AND SRRC

<b>ISM Band:</b>	2.402 to 2.480 GHz Operation
<b>Channels:</b>	0-39
<b>RX Sensitivity:</b>	-90 dBm
<b>TX Power:</b>	0 dBm
<b>Range:</b>	10m

## User Interface

<b>Hardware:</b>	2 Tri-coloured LED's, Power / Reset button
<b>Software:</b>	BluFin Application Mobile [Android V10 or newer iOS 15 or newer/ Beacon Editor Application PC] [Windows 10 or Windows 11] Bluetooth: BLE V4.2 or later *** *** Earlier versions may not be compatible

## Operation

<b>Compatibility:</b>	1000 and 1100 series beacons configuration
<b>Charge Modes:</b>	1000 and 1100 series beacons pre-charge, trickle charge, fast charge
<b>Firmware:</b>	Field upgradeable via App or PC interface

### INCLUDED ACCESSORIES

30Vdc 40W PSU, Power and Coms Interface Lead, Mains Lead

### APP STORE LINKS



Due to continual product improvement specification information may be subject to change without notice.

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