

# NOMAD 2

## New Product Introduction

**UK Dealer Information**  
**November 2023**

# NOMAD 2

## Portable Class B AIS Transponder

Digital Yacht NOMAD 2

Part Number: ZDIGNMD2

UPC: 703791696635

SRP ex vat: £695 ex vat

Availability: December 2023



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[www.digitalyacht.co.uk](http://www.digitalyacht.co.uk)

# NOMAD 2 - Introduction

**NOMAD**

Our popular portable Class B transponder is back following its retirement due to component shortages.

Nomad 2 offers the same unique AIS transponder portability – to move from boat to boat which is very popular with delivery skippers, marine professionals, charter boat users and every skipper who wanted a small, portable AIS without any installation hassle.

Nomad 2 has a built in wireless interface outputting GPS position data and AIS. It's designed for use with an iPad, tablet, phone or PC in conjunction with any compatible charting app or program – Navionics, NavLINK, Weather 4D, AquaMap, Imray, SailGrib and 100's more.

It's USB powered - this can include low cost, 3rd party battery packs, USB PC connection or 12V USB adaptors/cigarette lighter adaptors. The USB connection can also be used with a PC or MAC for AIS/GPS data and power

Nomad 2 now ships with a compact combination AIS and GPS antenna which allows the main unit to be used below decks on all types of vessel – leisure and commercial

The unit can also act as an AIS/GPS receiver only if MMSI and specific boat data is not available



**Nomad 2 ships with our GV30 combination AIS and GPS antenna which has a standard 1" threaded base allowing it to fit a wide variety of mounts – rail, deck, pole etc**

**Nomad 2 is powered via a USB connection – great for use with USB power packs or a simple DC adaptor on board**

# Nomad 2 – Key Features

- The perfect AIS solution for charter users, rental boats, delivery skippers, pilots, commercial users etc
- Full function Class B transponder (send and receive AIS)
- Supplied with combination GPS-VHF antenna which has industry standard 1" threaded mount – suitable for many 3<sup>rd</sup> party deck, rail and pole mounts
- Integrated wireless and USB interfaces – compatible with 100s AIS ready charting apps
- USB powered
- Easy programming and control through wireless web interface – no apps required
- Silence transmissions via the web interface
- Supports up to 7 connected devices
- Creates its own access point and also has ability to join an existing wireless network if required



Flexible USB power supply allows operation from wide variety of power sources including readily available 3<sup>rd</sup> party, low cost USB battery packs (not supplied)



## What range will I get from NOMAD 2?

AIS uses VHF transmissions so range is limited to line of sight. With the compact antenna you should be able to transmit up to 5NM and receive data from other vessels at 10-12NM. Shore stations would typically pick you up at 25NM. Connected to a mast top antenna will give standard Class B ranges of up to 15-20NM as the power output (2W) is the same as all other Class B AIS.

## Can I connect a different VHF antenna?

Yes you can. You may need a SO239 to BNC adaptor as Nomad uses a BNC antenna connector. For best performance use an AIS tuned antenna but a normal VHF antenna will function.

## What happens if I don't have a MMSI number or haven't programmed the unit?

If the unit is unprogrammed, it will act as a receiver only outputting GPS and AIS received data via WiFi and USB

## How long will my USB battery pack last?

USB battery packs have different capacities, typically quoted in mA/Hours.

The table below, shows the continuous use time for the most common types.

USB Power Pack Capacity	Continuous Use Time (approx.)
3350mA/H	5.5 Hours
5000mA/H	8 Hours
15000mA/H	24 Hours
22000mA/H	36 Hours

## How do I view AIS data?

Nomad 2 has a USB interface (for power and data) that can connect to a PC or MAC. Any AIS compatible navigation software can be used and the PC will create a virtual com port. Digital Yacht offer free SmarterTrack Lite viewing software as well as premium SmarterTrack software for use with Navionics charts for detailed charting and navigation. It's also compatible with popular programs like TimeZero, Nobeltec, Expedition, SeaPro and Open CPN. Most modern programs also accept a TCP/IP or UDP feed via the wireless link, but do double check before purchasing.

Apps on iPads, tablets and smartphones will use the wireless link to connect to Nomad. Check [www.digitalyacht.net](http://www.digitalyacht.net) for iOS and Android apps as there are a huge number of popular charting and navigation programs

## How do I mount Nomad 2?

Most users will use a 3<sup>rd</sup> party mount like a mobile phone holder, RokLok, RailBlaza or RAM mount. The fixing holes also allow for a cable tie to be utilised. Nomad can also be permanently mounted using the screw holes provided onto a vertical bulkhead but remember its primarily designed as a portable device – we have a large range of other AIS transponders for permanent installation

## Can I use the GV30 antenna with other products?

The GV30 antenna can be used as an emergency VHF antenna. Remember it has a BNC connector so a BNC to PL259 adaptor may be required for a regular VHF

## How many tablets can connect to Nomad 2?

Up to 7 devices can connect wirelessly to Nomad at any time, which supports TCP (single device) and UDP (multiple devices) protocols

## What is the wireless interface range?

The wifi will typically footprint a boat up to 25m LOA. Contact us if you need a bigger footprint or have a steel or carbon vessel.

## Does Nomad 2 need an internet connection or a GPS enabled tablet?

No internet connection is required for AIS apps to run and non GPS/WiFi only tablets can be utilised with an appropriate app for navigation as Nomad provides a GPS feed.

## Can the USB and WiFi interfaced be utilised concurrently?

Yes

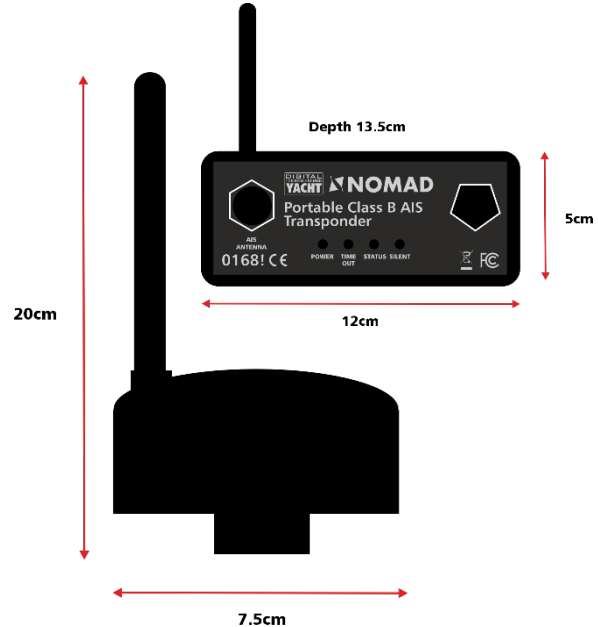
## How do I program Nomad 2 with boat details?

Nomad 2 has a built in interface for programming – simply connect your mobile device to its wifi and login to its functionality. No apps are required. proAIS 2 programming software can also be used on a PC or MAC via the USB interface

# Nomad 2 – Specs & Dimensions



Feature	
Power	<ul style="list-style-type: none"><li>• 5V USB – Connects to any USB power outlet, 3<sup>rd</sup> party rechargeable battery pack or 12V USB adaptor.</li><li>• Typical USB current is 0.5A</li><li>• 1m USB power cable</li></ul>
Interface	<ul style="list-style-type: none"><li>• WiFi – 802.11b/g/n (password protected)</li><li>• Support for up to 7 connected Wi-Fi devices</li><li>• Accesspoint mode or station mode</li><li>• TCP and UDP connectivity</li><li>• Detachable 3dB wifi antenna</li><li>• USB (PC &amp; MAC) with drivers for Win 10/11 and MAC OS</li></ul>
Physical	<ul style="list-style-type: none"><li>• 12 x 13.5 x 5 cm (unit) 20 x 7.5cm antenna</li><li>• Weight 1.2kg total</li><li>• Protection IPx5/IPx8 (antenna)</li></ul>
Indicators	<ul style="list-style-type: none"><li>• AIS – Power/TimeOut/Status/Silent Mode</li><li>• WiFi – Data/Status</li></ul>
Compatibility	<ul style="list-style-type: none"><li>• Wide range of free and premium apps for iOS, Android, PC &amp; MAC</li><li>• Integrate with charting applications</li></ul>



# Ordering Information

<b>NOMAD 2 Portable Class B AIS Transponder</b>	<b>Description</b>
Manufacturer Description Part Number	DIGITAL YACHT NOMAD 2 PORTABLE AIS TRANSPONDER ZDIGNMD2
UPC	703791696635
Price Standard dealer discounts apply	£695.00 excluding vat
Key features	<ul style="list-style-type: none"><li>• The perfect AIS solution for charter users, rental boats, delivery skippers, pilots etc<ul style="list-style-type: none"><li>• Full function Class B transponder (send and receive AIS)</li></ul></li><li>• Supplied with combination GPS-VHF antenna which has standard 1" threaded base</li><li>• Integrated wireless and USB interfaces – compatible with 100's AIS ready charting apps<ul style="list-style-type: none"><li>• Supports up to 7 connected devices<ul style="list-style-type: none"><li>• USB powered</li></ul></li></ul></li></ul>
Shipping weight Commodity code Country of origin More information	1.2kg 90148000 UK <a href="http://www.digitalyacht.co.uk">www.digitalyacht.co.uk</a>