



## FEATURES

- **For wireless re-transmission of NMEA 0183 AIS data**
- **Transmits a range of other NMEA 0183 data sentences**
- **Up to 3 WiFi connections and 5 TCP connections**
- **Connects with Tablets, Smartphones WiFi enabled Chartplotters etc.**
- **Ideal for AIS monitoring at various stations on a small vessel**
- **Comprehensive 802.11b/g/n network capability**
- **Quick and easy to configure and install**
- **Built-in USB port for local monitoring**
- **Universal DC power supply**
- **Rugged plastic housing**

## INTERFACES

# i300W NMEA TO WIFI INTERFACE

SKU: 001-1060

[View Online >](#)

## OVERVIEW

The i300W NMEA to WiFi Interface provides a low cost method of setting up a wireless network on-board (802.11b/g/n), enabling you to stream your boat's NMEA 0183 electronic data, such as AIS data, position, depth, wind, compass heading to your tablet, smartphone, PC, or WiFi enabled chart-plotter.

Simple to set up, the i300W has 2 NMEA inputs which are multiplexed to a single high speed data output which transmits NMEA 0183 data over WiFi and provides communication with any suitable NMEA devices. With 2 inputs, it can accept NMEA 0183 data at 4800 from any GPS, Chartplotter or other navigation instruments, plus a 38,400 baud input from any AIS receiver or transponder, so you only need one unit to collect and transmit all the navigation data of your boat via the wireless gateway.

For a vessel with a Chartplotter at the nav station, using the Comar i300W NMEA to WiFi interface, the helmsman can view all the navigation data on deck via a suitable device, and for boats with the Chartplotter at the helm, it's possible to check all the critical navigation data down below, making your boat's data truly portable.

Compatible with all major charting applications, tested with: AquaMap, AFTrack, iSailor, NV Charts, OpenCPN

## APPLICATIONS

- A helmsman can view all the navigation data on deck via a suitable device such as a smartphone or tablet
- For boats with the Chartplotter at the helm, all the critical navigation data can be viewed from anywhere on the boat

## RELATED PRODUCTS

[Comar Systems' range of AIS receivers](#)

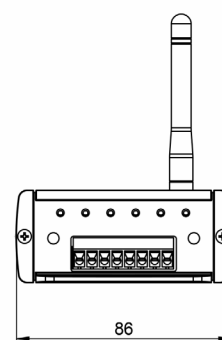
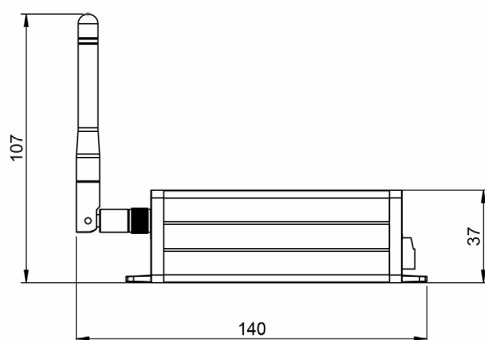
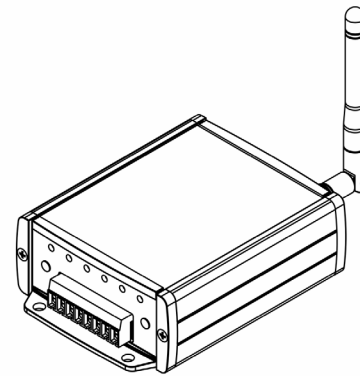
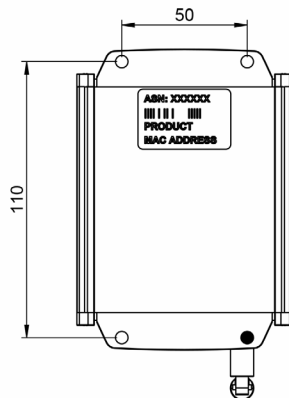
PHYSICAL	
<b>Weight:</b>	200g
<b>Dimensions:</b>	L 120 mm W 86 mm D 37 mm
<b>Mounting:</b>	To flat surface
<b>Connections:</b>	8-way Screw Terminals USB 2.0 Port: Type B Supplied: USB Cable
<b>Construction:</b>	Aluminium, ABS End Caps
<b>Finish:</b>	Black Fine Texture Paint, Grey ABS

ELECTRICAL	
<b>Power:</b>	9-30 V DC
<b>Current:</b>	100 mA @ 12 V DC

OPERATIONAL	
<b>Input:</b>	NMEA 0183 at 4800 Baud and 38,400 Baud
<b>Output:</b>	NMEA 0183 at 38,400 Baud
<b>WIFI:</b>	2.4 GHz 802.11b/g/n
<b>Connections:</b>	Up to 3 WiFi connections and 5 TCP connections

ENVIRONMENTAL	
<b>IP rating:</b>	IP40
<b>Operating temp:</b>	-15°C to +55°C
<b>Compass:</b>	Safe Distance 50 cm

ADDITIONAL	
<ul style="list-style-type: none"> <li>A suitable App or Program is required to display the data</li> </ul>	



Agenzia  
ufficiale per  
l'Italia :



Telefono 010 870058 r.a.  
Telefax 010 870248  
e-mail: [apelmar@koden.it](mailto:apelmar@koden.it)  
<http://www.koden.it>



Copyright © 2019 Comar Systems Ltd. - i300W Datasheet v06r06

Vittlefields Technology Centre, Forest Road, Newport, Isle of Wight, United Kingdom. PO304LY  
Comar Systems Ltd. reserves the right to make changes to its products and specifications without prior notice.