DIGITAL YACHT

4G Connect

Product Introduction

4G Connect 4G/LTE Internet Access Solution

November 2017 Digital Yacht UK Tel + 44 1179 55 44 74

www.digitalyacht.co.uk

Introduction

Dear Partner

4G Connect is a new 2G/3G/4G (LTE) internet access solution for use afloat. It utilises the latest MIMO technology with dual antennas for fast, long range access and incorporates a full function wifi router so multiple devices can connect wirelessly. There is also a wired LAN port and WAN port - for connection to high power wifi devices or satellite modems.

4G Connect is available in two variants - The Standard model has built in antennas which will provide good performance when in port. The Pro model ships with two external hi gain antennas for exceptional long range performance and is the recommended solution for use afloat.

4G Connect has an easy to use interface and ships with a built in, low cost Vodafone roaming SIM. It is SIM unlocked so users are free to use any cellular provider they choose but the Vodafone solution offers the best maritime performance in Europe.

Operation is simple - turn on, connect to the password protected wifi hotspot that 4G Connect creates and your device is online. Digital Yacht's WL510 hi power wifi solution can also be connected to the WAN port for a choice between wifi and 4G connectivity. iKommunicate can also connect to the LAN port providing boat NMEA data on the wifi network for use with navigation apps.

The Digital Yacht team
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4G Connect Features

Pro version ships with 2 high performance external antennas

- Hi performance 4G/LTE modem for exceptional speed and range with fall back to 2G/3G
- Supplied and configured with Vodafone SIM for UK customers but SIM unlocked for any network provider
- MIMO technology with dual LTE antennas on both Standard and Pro models
- Built in wifi router with support for up to 200 connected devices
- Ethernet LAN port for wired networks and on board interfacing with iKommunicate
- Ethernet WAN port for connection to satellite or hi power wifi systems
- 12V DC operation with <5W power consumption
- Standard model had internal antenna solution
- Pro model comes with 2 x 48cm external antennas for optimum range and speed
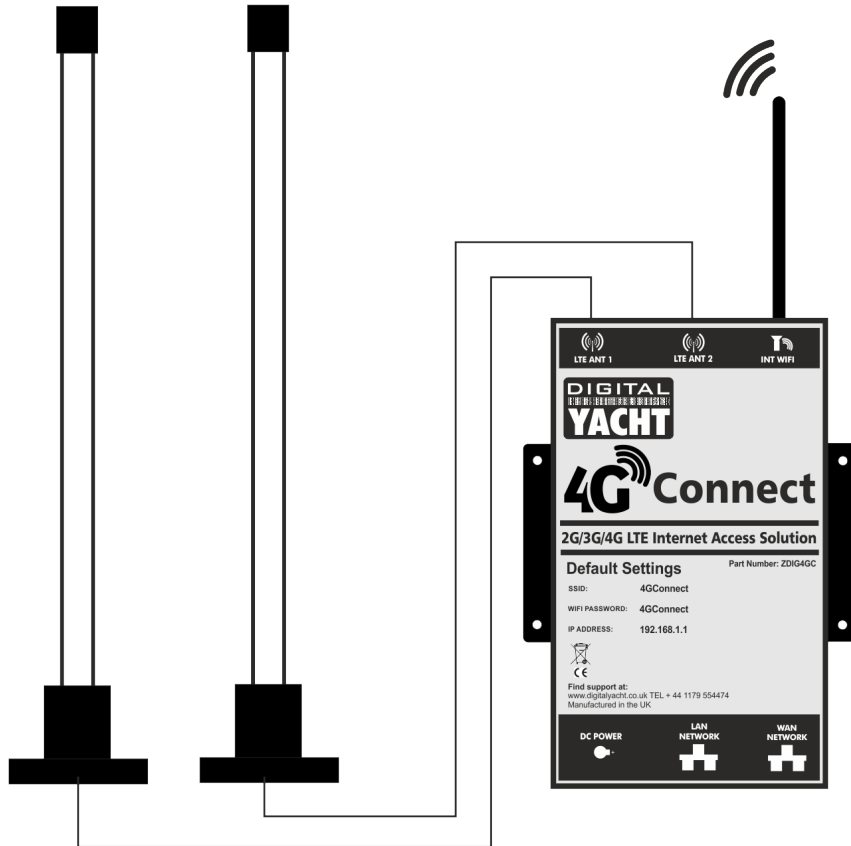
4G Connect Standard

- Internal antenna solution with MIMO technology
- LTE Class 3 modem offers long range and up to 70Mbps speeds
- Wifi interface for tablets and phones and wired interface for on board systems
- Offers good performance in port on GRP boats
- Easy installation
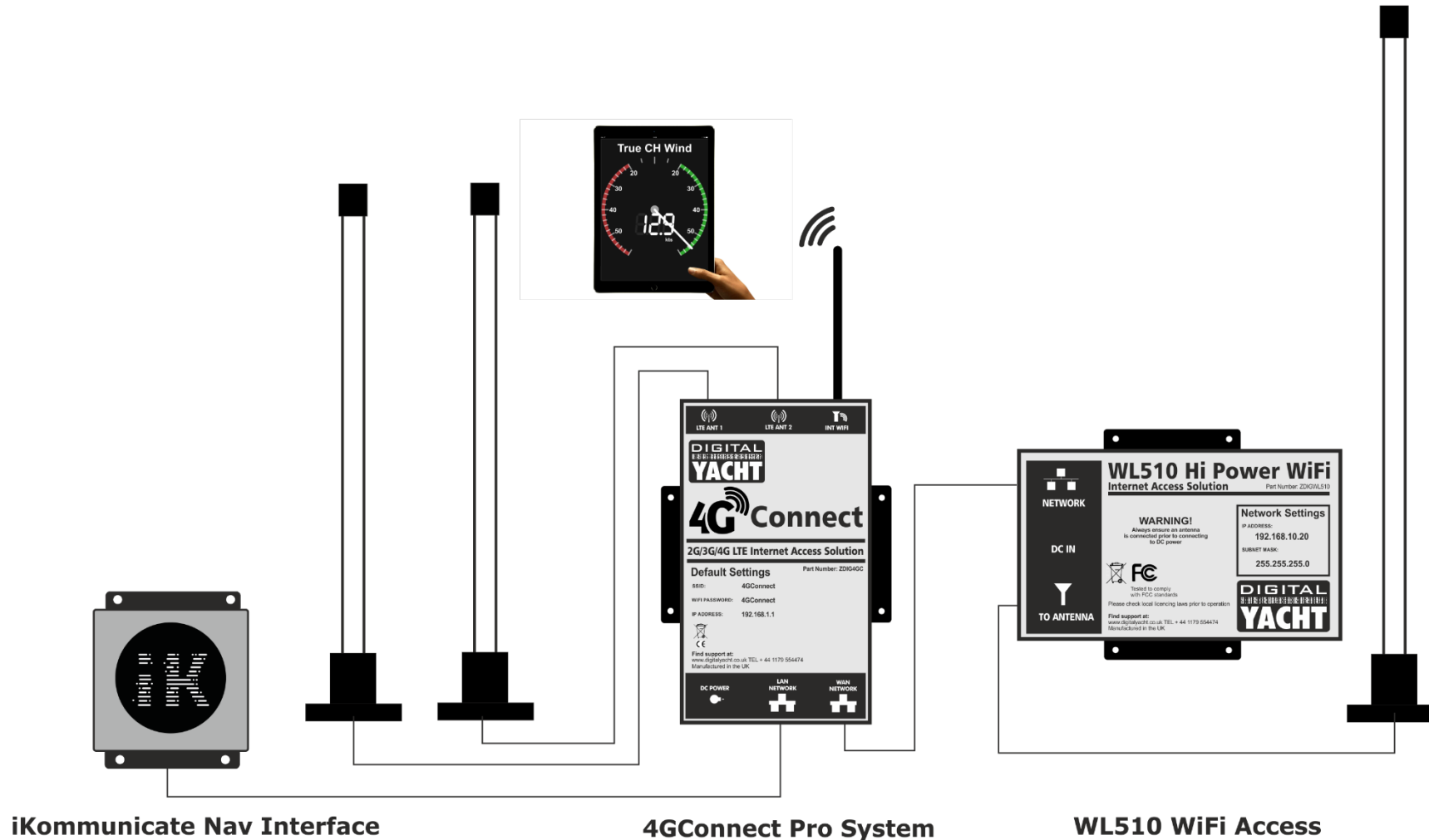- Easily upgradable to PRO with purchase of external antennas and cabling

4GConnect Standard System

4G Connect Pro

4GConnect Pro System

- **All the features of 4GConnect plus supplied with 2 x high performance external 48cm antennas for optimum speed and range**
- **Recommended solution for offshore use and non GRP vessels**
- **7m low loss LMR 200 cable kit included**
- **Supplied with deck base for antennas (as shown)**
- **Optional 1" base adaptor available for antennas**
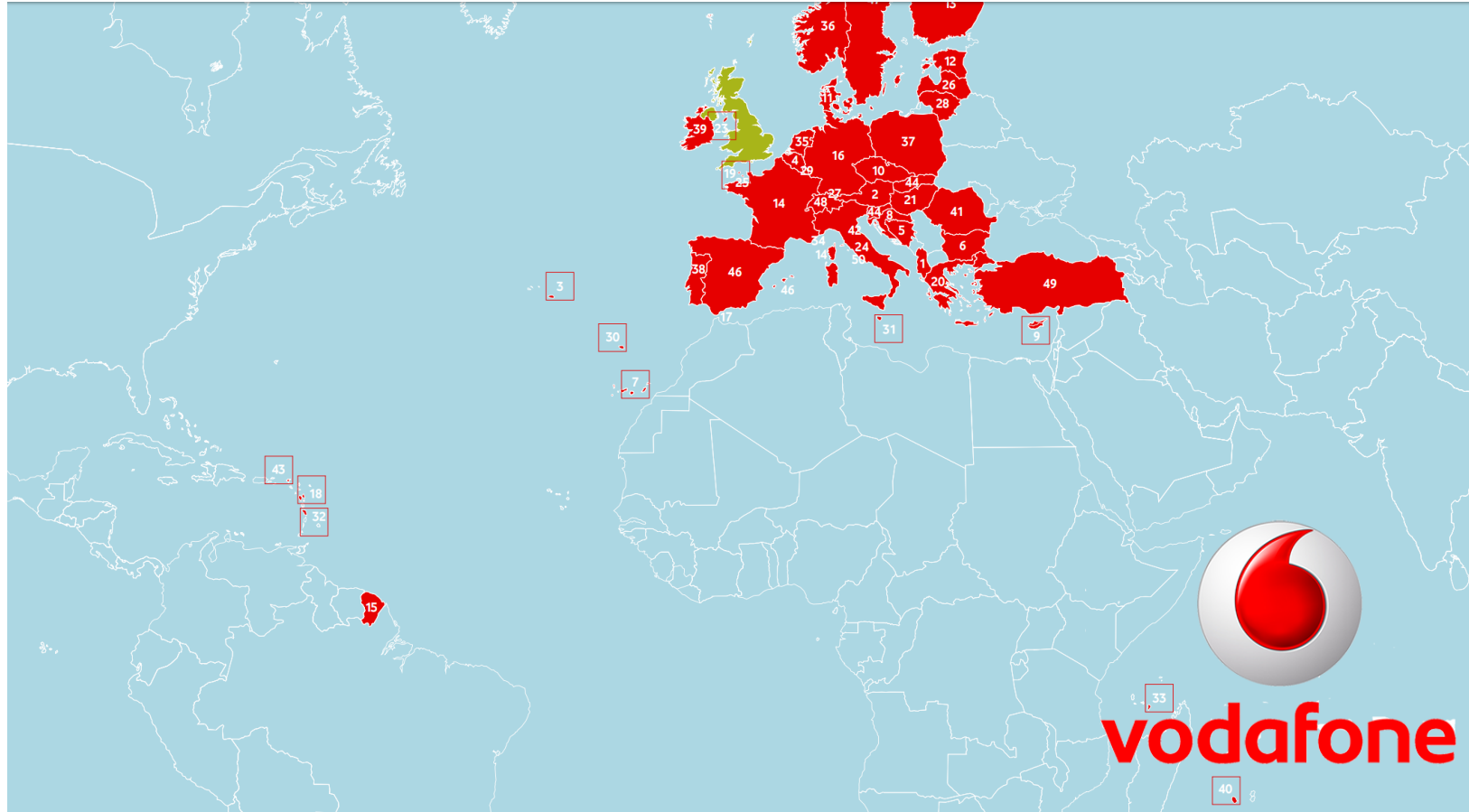- **Optional 10 & 20m LMR400 assemblies**

4G Connect System Expansion

- **WAN port can connect to WL510 hi power wifi system for combination LTE/WiFi hotspot solution**
- **LAN port for connection to iKommunicate navigation interface – allows boat NMEA 0183/2000 data to be available on the wifi network – ideal for iPad and tablet navigation**

iKommunicate Nav Interface

4GConnect Pro System

WL510 WiFi Access

VodaFone Recommended

- **4GConnect supplied with installed SIM and set up for Vodafone use (for UK customers)**
- **Any compatible SIM can be utilised but Vodafone offers the best maritime coverage and speed**
- **Choose any available Vodafone plan - £25/50GB monthly 30 day tariff is attractive and offers excellent European coverage and roaming as shown**

vodafone Our Roam-free destinations

1 Albania	8 Croatia	15 French Guiana	22 Iceland	29 Luxembourg	36 Norway	43 Saint Martin
2 Austria	9 Cyprus	16 Germany	23 Isle of Man	30 Madeira	37 Poland	44 Slovakia
3 Azores	10 Czech Republic	17 Gibraltar	24 Italy	31 Malta	38 Portugal	45 Slovenia
4 Belgium	11 Denmark (inc Faroe Islands)	18 Guadeloupe	25 Jersey	32 Martinique	39 Republic of Ireland	46 Spain (inc Balearic Islands)
5 Bosnia and Herzegovina	12 Estonia	19 Guernsey	26 Latvia	33 Mayotte	40 Reunion	47 Sweden
6 Bulgaria	13 Finland	20 Greece	27 Liechtenstein	34 Monaco	41 Romania	48 Switzerland
7 Canary Islands	14 France (inc Corsica)	21 Hungary	28 Lithuania	35 Netherlands	42 San Marino	49 Turkey
						50 Vatican City

Tech Specs

Feature	
Power **Operating Temp** **Physical**	• 9-30v DC (<5W) • -40 to +75 C • Main unit: 180 x125 x 55mm (ex antennas) • Weight 670g • Protection IPX4
4G/LTE **Technology** **2G/3G Fallback**	• 4G(LTE) CAT 4 up to 70Mbps • Class 3 Modem with up to 25dBm output • Support for B1/B3/B5/B7/B8/B20 LTE FDD bands • Support for B38/B40/B41 TDD bands • Dual MIMO antennas • 850/900/2100 MHz Max 42Mbps (HSPA+ download) • UMTS 384kbps • 900/1800 MHz GSM/GPRS/EDGE (Class 12 device)
Interfaces	• 1 x LAN 10/100 Ethernet Port • 1 x WAN 10/100 Ethernet Port • 1 x WiFi 802.11b/g/n with 64/128 bit WEP/WPA/WPA2 encryption

Ordering information:

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4G Connect
Part Number: ZDIG4GC
UPC: 081159830748
SRP £299.00 ex vat

4G Connect Pro
Part Number: ZDIG4GCPRO
UPC: 081159830755
£499.00 ex vat

4GConnect Standard System

380mm

125mm