INSTALLATION MANUAL - WIFIBOAT

WiFiBoat ® can easily be installed in less than 30 minutes, without being visible, behind the electrical control panel (plotting area). The device is equipped with a WiFi antenna, one or two indoor GSM antennas (MAIN and AUX) and cable for 9-30 VDC power supply. Given the very low power consumption (max 7w), the device can always be connected to the services batteries.

1. Remove back panel and insert SIM card (without PIN!!) of your Telecom Operator. Correct SIM card orientation is shown in the picture

GSM ANTENNA

WIFI ANTENNA

2. Attach GSM main antenna, GSM aux antenna (not mandatory) and Wi-Fi antenna.

3. Connect the power adapter to the socket on the front panel to the power of the boat.

4. Connect to the device wirelessly (SSID=BOAT-NAME) or use Ethernet cable and plug it into any LAN Ethernet port. If you have a wired broadband connection you will also have to connect it to the WAN port of the router.

FRONT PANEL

1	Power socket
2,3,4	LAN Ethernet ports
5	WAN Ethernet ports
6	Power LED
7,8,9	LAN LEDs
10	WAN LED

REAR PANEL

1	GSM main antenna connector
2	Wi-Fi antenna connector
3	GSM auxiliary antenna connector (unavailable on alternate model)
4	Reset button
5	GSM LED

TECHNICAL DETAILS

The internal modem HSPA + can reach download speeds of up to 14.4Mbps. The router supports wireless reception and transmission speed up to 150 Mbps outdoor antenna (also inside the boat) allow you to receive a strong signal even several miles from the coast.

WiFiBoat is ideal for sharing an internet connection on the go, as it is not limited by a cable connection. It is ideal for connecting the boat with IPAD, IPHONE, SMARTPHONE and PC.

It can also take advantage of the available LAN ports on the router to connect IP cameras, VoIP phones, PC or any other device that uses Ethernet.

LAN and Wi-Fi
- Wireless AP, Router, 4-Port Switch and firewall
- CPU 320 MHz con 256 Mbit SDRAM
- IEEE 802.11b/g/n, IEEE 802.3, IEEE 802.3u standard
- 64/128-bit WEP, WPA, WPA2, WPA&WPA2
- 3xLAN 10/100Mbps Ethernet port
- 1xWAN 10/100Mbps Ethernet port
- Supporta Auto MDI/MDIX
- Remote/local Web management
- 1x 5dBi wireless antenna
- SSID stealth mode and access control MAC address
- System log del router
- Auto negotiation/manual mode per IEEE 802.11b/g/n
- Dynamic DNS
- LAN access su Internet
- Virtual server
- Auto wireless channel selection
- OpenVPN
- Dynamic DNS
- Backup WAN
- SMS e Ping reboot
- 1x Power LED, 4x LAN status LEDs

HSUPA/HSDPA/UMTS
850/900/1900/2100 MHz
Power Class 3 (0.25 W, 24 dBm) for UMTS
UMTS mode: 384 Kbps DL/384 Kbps UL
HSDPA mode: 14.4 Mbps (Cat 10) downlink speed
HSUPA mode: 5.76 Mbps (Cat 6) uplink speed
3dBi antenna

GSM/GPRS/EDGE
850/900/1800/1900 MHz
Power Class 4 (2 W, 33 dBm) GSM/GPRS 850/900 MHz
Power Class 1 (1 W, 30 dBm) GSM/GPRS 1800/1900 Mhz
Power Class E2 (0.5 W, 27 dBm) EDGE 850/900 MHz
Power Class E2 (0.4 W, 26 dBm) EDGE 1800/1900 MHz
GSM: 14.4 Kbps DL/14.4 Kbps UL
GPRS: 85.6 Kbps DL/42.8 Kbps UL (class 10)
EDGE: 236.8 Kbps DL/118.4 Kbps UL (class 10)

Electrical, Mechanical & Environmental
Dimensions (H x W x D) 100mm x 85mm x 36mm
Weight 210g
Power supply 100 – 240 VAC -> 9 VDC wall adapter (allowed range: 8 – 18VDC)
Power consumption < 7W
Antenna connectors 2 x SMA GSM, 1 x RP-SMA Wi-Fi
Indicators 4 x Eth LED, 1 x Power LED, 1 x GSM LED
Operating temperature 0° to 50° C
Storage temperature -20° to 70° C
Operating humidity 10% to 90% Non-condensing
Storage humidity 5% to 95% Non-condensing

PACKAGE CONTENTS
- WHIFIBOAT 3G WIFI ROUTER HDSPA+
- POWER CABLE 12V
- GSM ANTENNA
- WIFI ANTENNA
- INSTALLATION MANUAL