

Tidal Wave

Dual-Band + Cellular



Overview

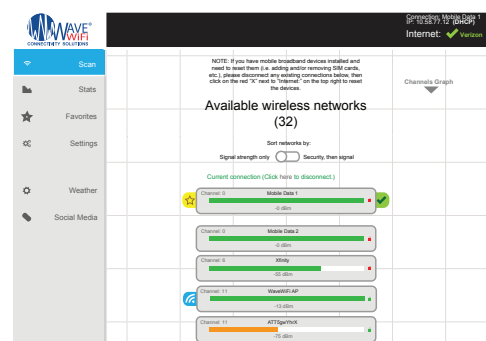
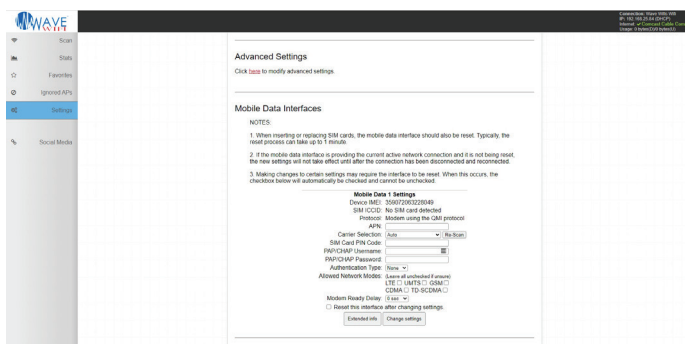
The Tidal Wave is a Dual Band 2.4 and 5GHz MIMO (Multiple Input-Multiple Output) WiFi transceiver with a built in 3G/4G/LTE-A SIM card slot. For optimal performance and range, it uses four included antennas, two indoor, and two outdoor high gain omnidirectional Dual Band WiFi antennas. For cellular a high gain external cellular antenna with cable is included. The Tidal Wave is the Flagship of Wave WiFi's professional series products.



Features

- Supports 802.11 a/b/g/n/ac 2.4GHz / 5GHz (5.1-5.8) Wi-Fi frequencies
- Supports SIM Activated Cell Data Bands
- Gigabit 10/100/1000 Mbps Ethernet Port
- Uses MiMo on all supported frequencies
- (2) 2' Outdoor High Gain Omnidirectional Dual Band antennas
- (2) Indoor rubber duck Dual Band antennas
- (2) 25' Ultra Flex Low Loss 400 antenna cables
- One Rubber Duck Cellular Antenna
- One High Gain Outdoor Cellular Antenna with cable
- Two Year Limited Warranty

Our proprietary Graphic User Interface provides easy access to all functions and makes connecting a breeze.



The scan page shows all available networks. 2.4GHz, 5GHz and Cellular all on one comprehensive page.

Availability of public wireless LAN access points may be limited. The transmission speed over the wireless LAN and the distance over which wireless LAN can reach may vary depending on surrounding electromagnetic environment, obstacles, access point design and configuration as well as client design and software/hardware configurations. The actual transmission speed will be lower than the theoretical maximum speed. Wireless connectivity and some features (i.e. VoIP) may require you to purchase additional software, external hardware or services. Actual distance may be affected by the strength and quality of the Hotspot signal, as well as having a clear line of sight to the boat. As we strive for constant product improvement, prices and specifications are subject to change without notice.

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The award-winning Tidal Wave provides optimal signal to noise ratios for the clearest and longest range WiFi reception and transmits at the maximum power allowed by law. The Gigabit speed ethernet port keeps wired speeds fast. A water-resistant universal SIM slot allows for cellular connectivity at speeds up to 300mbps. All external antennas, one cellular, and two WiFi come with cable and use standard 1-14" marine mounts (not included). The Tidal Wave pairs nicely with Wave WiFi routers and Access Points like the MNC1250/1200 or Yacht AP DB that have Dual Band broadcast capabilities. The MNC1250 also has a SIM slot so when combined with the Tidal Wave users have two SIM slots allowing different cell carriers to be chosen easily using Wave's proprietary Graphic User Interface (GUI).



Tidal Wave Back View



3g/4G LTE MiMo Cell Connection SMA Female
 WiFi 2.4GHz MiMo N-Female Connections
 WiFi 5GHz MiMo N-Female Connections

Wave WiFi products offer outstanding performance because of the proprietary firmware technology embedded in each unit. The Web-based firmware permits the user to scan for access points (Hotspots) and provides a detailed diagnostic of the quality of each hotspot. The GUI (pronounced "goeey") or Graphical User Interface allows the user to see the signal strength and quality in real time of any connected hotspot.

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Wireless Type	WiFi	Cellular
Ethernet Speed	1 Gigabit Speeds	300mbps
Data Protocol	802.11 a/b/g/n/ac	LTE-FDD, LTE- TDD HSPA+
Spectrum/Band	2.4 GHZ and 5GHz (5.1-5.8)	4G LTE-A Cat6: B1, B2, B3, B4, B5, B7, B12, B13, B20, B25, B26, B29, B30, B41
Power	PoE	DC Power 12v - 1A
Operating Temperature	-22F to +140/-33C to + 65C	-40F to +185/-40C to + 85C
Connection	N-Females: (2) 2.4Ghz + (2) 5Ghz	(2) SMA Female



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