

# Freedom Domes

## Ethernet Converter



## Overview

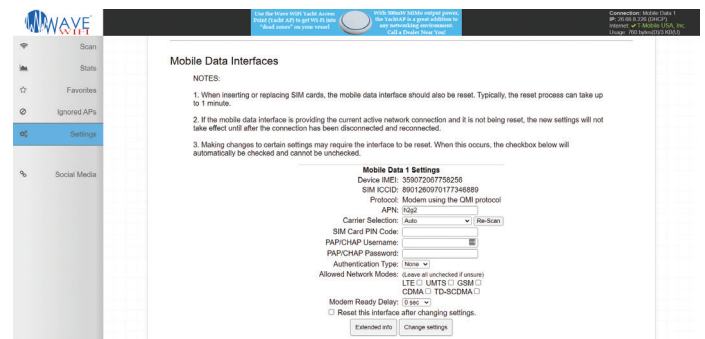
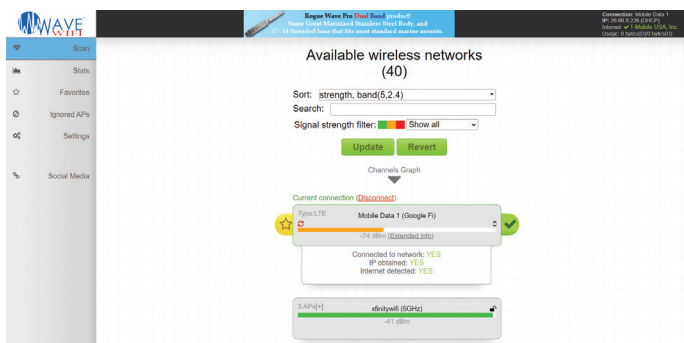
The Freedom domes have Dual Band MU-MIMO 2.4Ghz + 5Ghz WiFi in a convenient easy to mount dome. The dome is complete with stainless steel 1-14" female thread mount (not included). Power and connection are provided by a single 12vdc POE ethernet cable for easy installation. The Freedom is an Ethernet Converter (EC unit), therefore direct connection can be made to any WAN Ethernet enabled device, router, or switch. When connected to a wireless router, the Freedom provides Internet connectivity for numerous wireless devices. The system comes with a user-friendly web-based interface and there is no software to install. The Freedom LTE-A also has a built-in universal SIM slot that allows users access to cellular in addition to WiFi.

## Features

- Dual Band WiFi Supports 802.11 a/b/g/n/ac 2.4GHz / 5GHz (5.1-5.8) frequencies
- MIMO (Multiple Input/Multiple Output) enclosed antenna array
- Single cable 12vdc POE (Power Over Ethernet)
- Easy install with standard 1"-14 threaded base
- 10" X 12" and weighs only 4lbs
- Cat6 Global LTE-A cellular\* (\*on Freedom LTE-A model)



The Cell Network Scan Page Shows ALL available networks. 2.4GHz, 5GHz and Cellular all on one comprehensive page!



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

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 Freedom Domes provide Dual Band 2.4Ghz + 5Ghz WiFi solutions in a convenient dome format. Stainless Steel 1-14" thread, a marine standard, makes mounting easy, as does a single cable that provides both power and data. The Freedom LTE-A includes a built-in cellular antenna and universal SIM slot to add cellular access in addition to WiFi capabilities. Freedom Domes connect easily to Wave WiFi routers and Access Points. The Freedom Dome has a host of easy to use functions and controls.



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 "gooey") or Graphical User Interface allows the user to see the signal strength and quality in real time of any connected hotspot.

## Comparison Chart

Model	Freedom Dome	Freedom Dome LTE-A
WiFi Frequency	2.4 & 5Ghz (5.1-5.8Ghz)	2.4 & 5Ghz (5.1-5.8Ghz)
WiFi Type	MIMO (Multiple Input/Multiple Output)	MIMO (Multiple Input/Multiple Output)
Cellular Bands	N/A	4G LTE-A Cat6: B1, B2, B3, B4, B5, B7, B12, B13, B20, B25, B26, B29, B30, B41
Dimensions	10.5"x12" 4lb< Dome	10.5"x12" 4lb< Dome
Power	DC Power 12-V-2A	DC Power 12-V-2A



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