Aurora Iridium WiFi Terminal

Satellite Voice, Data, and GPS

RedPort Aurora Iridium WiFi Terminal

The RedPort Aurora is the world's first satellite phone terminal to provide satellite voice, data, and tracking services via WiFi to smartphones and tablets. Aurora has global coverage by the Iridium satellite network with no below-deck equipment needed and no need for a coax cable. It's built to be the most convenient solution in the most extreme places on Earth, all in one terminal.

The RedPort Aurora is good for anyone who needs voice, data or tracking services with a fixed satellite terminal. It is perfect for anyone who wants to use their smartphone, tablet or computer via WiFi over satellite, or needs affordable, easy-to-install equipment.

On the water, Aurora is a quantum leap improvement over other options. It is simpler to install, loaded with features, and more convenient to use than other solutions. Most boaters install a handheld satellite phone, a docking kit, an external antenna, an external antenna cable, and a WiFi router ... and they still can't use their smartphone for voice calls.

On land, Aurora's self-contained weatherproof dome and single Ethernet cable for power make installation easier and less expensive than fixed phones that require long runs of antenna cable.

Key Features

- **Iridium Coverage** - Aurora uses the Iridium satellite network, providing truly global coverage. RedPort Aurora uses an Iridium 9523 modem for reliable satellite voice service and 2.4kbps data services.

- **Voice** - Aurora comes pre-configured for voice. Just download the free XGate Phone app to your iOS or Android device to use your smartphone via satellite.

- **Data** - Aurora comes with built-in data optimization powered by RedPort. Not just any optimization - Aurora includes RedPort Optimizer hardware inside. Aurora blocks unwanted data and handles all the dialing, while working hand-in-hand with XGate satellite data service.

- **WiFi** - Built in WiFi capabilities make it easy to connect all your favorite devices to one simple hub: Mac, PC, iOS and Android.

- **Weather** - Access an eco system of weather apps. PredictWind and XGate satellite data services gives you world-leading weather and wind forecasting, chart plotting, GRIB downloading and departure planning.

- **Tracking** - Aurora allows for the transmission of small bits of data (like GPS pings) at a fraction of the airtime cost of most satellite phones or terminals. This means that you can track your ship at pre-determined intervals. Aurora is a NMEA 2000 compliant GPS WiFi repeater - so you can share Aurora's GPS data with virtually any of the marine electronics on your vessel.

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Main Specifications

Physical	
Size	7.28" x 7.09" 185mm x 180mm
Weight	4 lbs / 1.8 kg
Antenna	Integrated
Construction	All In One - Marine Grade
Data	
Data Speeds	2.4 kbps 18 sec for PPP connect
Coverage	
Satellite Coverage	Global - Iridium Network
WiFi	
WiFi	802.11 b/g
Max WiFi Range	98.4' (30m)
Electrical	
Power	12V, 1 amp
Temperature	-22° F to 158° F -30° C to +70° C
Certifications	
Regulatory	FCC, CE, RoHS

Features

Feature	
Firewall	✔
Filter By Domain	✔
Multi-User Environment	✔
Ethernet Connectivity	✔
Tracking / Location Based Services*	✔
Fleetwide Tracking via SMS and SBD*	✔
Enterprise GPS Tracking with Solid GPS Reception*	✔
Short-Burst Data*	✔
NMEA/GPS Repeater	✔
SMS Text Messaging	✔
Analog Telephone Adaptor*	✔
Halo Long Range WiFi Extender System*	✔
PBX with Logs*	✔
PBX with Unlimited Number of Extensions	✔
PBX with Calling Between Local Users	✔
PBX SMS Between Local Users	✔
Network File Sharing	✔
File Transfer*	✔
XGate Satellite Email and Data Services	✔
M2M/IoT	✔
Connect on Automatic Networks Traffic	✔
Crew Email - Webmail/POP/SMTP Server	✔
SNMP	✔

*Optional or Additional Service