RedPort™

Aurora Iridium WiFi Terminal

Now, your smartphone is your satellite phone. The RedPort Aurora gives you the coverage of the Iridium satellite network with the devices you already use – your smarthone, tablet or computer. Want to make a satellite call from your iPhone or Android Tablet? Check email and download weather files over WiFi? No problem. Share your location with others? Done. It's voice, data, and tracking, all in one. Anywhere in the World.

Aurora is the world's first satellite phone terminal to provide satellite voice, data and tracking services via WiFi to smartphones and tablets. All in one terminal. No below-decks equipment needed. No need for a coax cable. Built to be the most convenient solution in the most extreme places on Earth.

Who Is It Good For?

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 weather-proof dome and single Ethernet cable for power make installation easier and less expensive than fixed phones that require long runs of antenna cable.

Mount Not Included

The Value Proposition

Aurora gives you the satellite services you need, with the devices you want, generally for less than you would otherwise spend. Voice. Data. Tracking. Anywhere in the World.

Related Products

Customers who need to make more than one voice call at a time should consider either an Iridium Pilot or an Inmarsat broadband terminal with a RedPort wXa-400 series VoIP gateway.

Customers who need data speeds faster than 2.4KBps should consider either an Iridium Pilot or an Inmarsat Broadband terminal with a RedPort Optimizer Crew, wXa-300, or wxa-500 router.

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Satellite Calls
Via Smartphone

The 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. Your phone will connect via VoIP to the Aurora. Aurora translates the calls into standard satellite voice calls over Iridium so you can use standard Iridium postpaid or prepaid airtime.
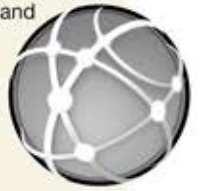
Onboard Network
With Multiple Phone Lines

Up to 4 lines can speak to one another over the local network, giving you a complete local phone system with extension, voicemail and ringing options. All free.

Because the Aurora uses VoIP over local WiFi, none of these calls consume airtime. Use Ethernet phones, SIP WiFi phones, or install the free XGate Phone app and use the smartphone in your pocket.

Data Optimization
Powered By RedPort

The 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.

XGate
Satellite Email, Weather, Web, and Social Media

XGate satellite data service is your gateway to accelerated satellite email, weather, web browsing, and social media posting for Facebook, LinkedIn and Twitter. XGate works with your devices, including those running Microsoft Windows, Apple Mac, Linux, Apple iOS and Google Android operating systems. Aurora also works with XGate-based services: OCENS Mail, Speedmail, Satphone.me, and Telecom Italia Mail.

GPS Tracking
For Vessel and Asset Tracking

Aurora compression technology and advanced GPS engineering allow 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. That information can be loaded onto a individualized webpage with real-time tracking information so family and friends can see where you are.

GPS Repeater
For Onboard NMEA Repeating

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 – in real time. Want to steer your boat with an iPad? Now you can. The capabilities of this GPS technology are so advanced that many Aurora users simply pilot their boats with the detailed information on their iPad app rather than use a traditional GPS.

Easy Installation

The Aurora only has one cable: powered ethernet. There are no power cables, no external antennas to attach, no complicated installation. It is plug-and-play at its very best.

The Iridium Network

Iridium is the only truly global satellite network offering unmatched communications, performance and reliability advantages. RedPort Aurora uses an Iridium 9523 module for reliable satellite voice service and 2.4KBps data services.

Technical Specs

Dimensions:	7.28 in Dia (185mm) 7.09 in high (180mm)
Weight:	4Lbs
Temp:	-30ºC to + 70ºC
Certifications:	FCC, CE, and RoHS
WiFi:	802.11 b/g
Power:	PoE