Aurora Iridium WiFi Terminal

With Aurora your smartphone is your satellite phone. Aurora gives you the power of the Iridium satellite network with the devices you already use - your smartphone, tablet, or computer. Make a satellite call from your iPhone or Android device. Check email and download weather files over WiFi. Share your location with others. With Aurora it's done. Aurora is VoIP voice calls, data, and tracking all in one, anywhere in the world.

Rail Mounted (1"x14 tpi)
Ethernet cable

Aurora Satellite Voice, Data, and GPS

Aurora is the world's first satellite phone terminal to provide satellite voice, data, and GPS tracking services via WiFi to smartphones and tablets. It is a fully contained terminal with no below-decks equipment needed. There is no need for a docking station, coax cable, or any other accessories. Aurora is powered by a single Ethernet cable for easy, fast, and efficient installation. Aurora is built to be the most convenient communications solution for the most extreme places on Earth.

Who Uses Aurora?

Aurora is good for anyone who needs voice, data, or tracking services with a fixed installation 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.

Aurora for Satellite Communications at Sea

On the water, Aurora represents a huge improvement over other satellite phone options. Most boaters install a handheld satellite phone, a docking station, an external antenna, an external antenna cable, and a WiFi router...and they still can't use their smartphone to make voice calls over satellite.

With Aurora, you get all that capability in one single unit, for less money than you would spend on a comparable full handheld satellite phone setup.

Aurora Satellite VoIP and LAN Calling Over Iridium Network

Satellite Calls Via Smartphone

The Aurora comes preconfigured for satellite VoIP voice calls over the Iridium network. Just download the free XGate Phone app to your iOS or Android mobile device and talk on your smartphone using your Iridium satellite airtime. Your phone will connect via WiFi VoIP to the Aurora and Aurora translates the calls into standard satellite voice calls over Iridium so you can use standard **Iridium prepaid** or **postpaid airtime**.

Onboard Network with Multiple Phone Lines

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

Because Aurora uses VoIP over local WiFi, none of the calls made over the local network consume airtime. This means that a captain can call the kitchen,

one room can call another, and you can check in with your guests - all at the same time. All free.

Aurora is compatible not only with XGate Phone for phone calls over WiFi using the smartphone in your pocket, but you can also use Ethernet phones and SIP WiFi phones to make satellite phone calls over Aurora.

Aurora Over the Iridium Network

The Iridium satellite network is the only truly global satellite network offering pole-to-pole coverage for unmatched global communications, performance, and reliability advantages. Aurora uses an Iridium 9523 module for reliable satellite voice service and 2.4kbps data services.

Aurora Satellite Email and Data Optimization

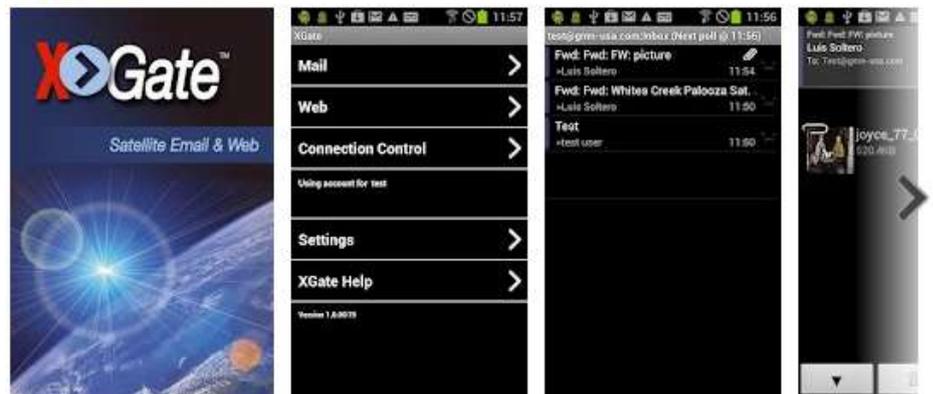## Data Optimization with Optimizer

The Aurora comes with built-in data optimization powered. Aurora has Optimizer inside, so Aurora blocks unwanted data usage from consuming your satellite airtime, provides satellite bandwidth optimization, and works hand-in-hand with **XGate satellite email** to provide world-class compression email and data services.

XGate for Satellite Email, Weather, Web, and Social Media

XGate satellite email service is your gateway to compression email, accelerated downloads over satellite, weather files (like GRIBs) via email, compression web-browsing, and social media posting for Facebook, LinkedIn, and Twitter. XGate works with all your devices, including those running:

- Microsoft Windows

- Apple Macintosh

- Linux
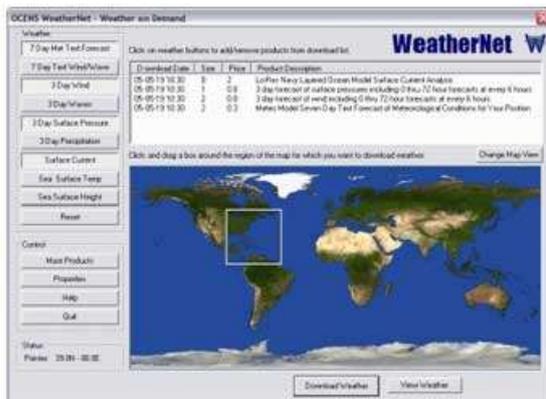
- Apple iOS

- Google Android

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Set sail and stay connected

WeatherNet: Weather On Demand

WeatherNet is a system designed to optimize the download of weather and ocean data products via satellite phones and other wireless connections. It offers highly compressed text, images, charts, buoy data, radar, **GRIB** files, and many more formats. With over 20,000 conveniently indexed, continuously updated weather products, WeatherNet is the largest most comprehensive source of weather data in the world...and the easiest to use! Geographically indexed weather products are quickly available in convenient batch format, by the push of a button. This product is revolutionary in that there are no firm schedules to adhere to or lengthy downloads. You get the data you need, when you need it.

Aurora Satellite GPS Tracking

Aurora GPS Tracking for Vessel and Asset Tracking
Aurora special compression technology and advanced GPS engineering allow for the quick transmission of small bits of data (like GPS pings) at a fraction of the airtime cost of most satellite phones and terminals. This means that you can track your ship at pre-determined intervals. That information can be loaded onto an individualized webpage with real-time tracking information so family and friends can see where you are.

Aurora Satellite 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? With Aurora you can. The GPS capabilities of this technology are so advanced that many Aurora users simply pilot their boats with the detailed information on their iPad app rather than use traditional GPS.

Easy Installation

Easy All-In-One Installation

The Aurora only has one cable - powered Ethernet. There are no antenna cables, no below-decks-units, and no complicated installation. It's an entire plug-and-play satellite phone terminal.

Aurora comes with a base fitted for any standard antenna mount. This means that you can head to your local marine supply store and purchase any standard mount: pole-mount, pipe-mount, spreader-mount, mast-mount, board-mount, etc. This way you can secure Aurora to the best position to your individual setup.

Aurora Technical Specs

The Aurora Iridium WiFi Terminal is a completely contained terminal. It does not need a below-decks unit, antenna cable, or any other accessories. It comes standard with:

- Aurora Terminal in Weatherproof Dome
- 30' Ethernet Cable
- Power Injector
- Dimensions: 7.28 in Diameter (185mm), 7.09 in high (180mm)
- Weight: 4 lbs
- Temperature: -22° F to 158° F (-30° C to +70° C)
- Certifications: FCC, CE, and RoHS
- WiFi: 802.11 b/g
- Power: Power over Ethernet

Aurora – Good Value Proposition

A typical setup with a handheld Iridium satellite phone, docking station, external active antenna, antenna cable, and WiFi hotspot costs $2,500 - $3,000. Aurora costs $1,599.00. All you need now is **airtime** and **email**. And you're set.