

SKYLINK 6100



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DELIVERS COST-

EFFECTIVE VOICE AND

DATA ANYWHERE

ON THE PLANET

APPLICATIONS

- › Maritime IoT
- › Workboat operations
- › Commercial maritime
- › Anti-piracy
- › USVs (Unmanned Surface Vehicles)
- › Defense/Government
- › Security, patrols, and inspections
- › Environmental monitoring

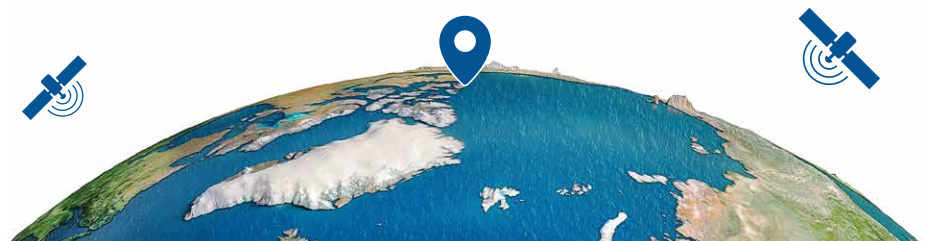
CAPABILITIES

- › Dual-mode connectivity
- › Out-of-Band (OOB) management
- › Internet/VPN access
- › Email & media sharing
- › Vessel Monitoring System (VMS)
- › Telemetry offload (fuel flow, catch reports, etc)
- › Satellite AIS datalink
- › VOIP Push-To-Talk (PTT)
- › 2x HD analog voice lines
- › SIP for PABX
- › Long-life battery backup

MARITIME SOLUTION

SkyLink 6100 by Blue Sky Network delivers next-generation satellite and cellular connectivity to support maritime voice, data, telemetry, and monitoring operations, anywhere in the world. This cost-effective and versatile communications terminal is powered by Iridium Certus®, the world's leading L-band mobile satellite service.

As a certified Iridium Connected® product, SkyLink 6100 is designed for operational efficiency, safety, and continuous coverage. Its lightweight, low SWAP design allows for easy installation in both manned and unmanned vessels. Use this device as a real-time communications and telematics platform for mission-critical updates to and from vessels and offshore sites.





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ANTENNA OPTION



External fixed-mount antenna kit (optional)



Dual mode Data Gateway shown with optional Communications Companion (left) and LTE extender antenna.

SPECIFICATIONS

PHYSICAL (DATA GATEWAY)*

- Size: 8 x 5 x 1.5 in (12.7 x 20.3 x 3.2 cm)
- Weight: 1.6 lb (0.7 kg)
- Operational temperature: -40°C to +70°C
- Input voltage: 10 – 34VDC
- Power consumption: 18W peak power, 7W nominal
- Long life backup battery for up to 48 hours of continuous power (optional)
- IP65 and IP67 compliant for outdoor use
- Frequency: 1616 MHz – 1626.5 MHz

* Physical specifications subject to change

** When paired with the Communications Companion

CONNECTIVITY

- Iridium Certus® 100 services – 88 Kbps DL / 22 Kbps UL
- Cellular LTE CAT 6: 300 Mbps DL / 50 Mbps UL
- Least-cost routing
- Wi-Fi, Ethernet, USB, RS232
- GNSS positioning/tracking
- Application hosting
- Remote device management
- Diagnostics and health monitoring
- Data analytics and edge computing**
- External inputs and outputs**
- Tracking with SkyRouter™ fleet management

ABOUT BLUE SKY NETWORK

Blue Sky Network offers innovative satellite solutions for worldwide voice, data, and fleet operations. Our pioneering platform, SkyRouter™, is an exclusive, customizable cloud-based portal for dual-mode tracking, analytics, and communications for real-time fleet monitoring and performance management. With our SkyRouter™ and SkyLink services, capture, display, disseminate, and port data from every asset in the field to the command center with uninterrupted global coverage.

Blue Sky Network is an Iridium Certus® service provider and value-added manufacturing partner.

