

Blue Sky Network

SkyLink 6100

DELIVERS GLOBAL, COST-EFFECTIVE VOICE AND DATA FOR ENHANCED MARITIME OPERATIONS

Comprehensive Maritime Solution

SkyLink 6100 by Blue Sky Network delivers reliable satellite and cellular connectivity for seamless voice and data communications and enhanced maritime operations, even in the most remote environments. This cost-effective and versatile solution is powered by Iridium Certus®, the world's leading midband mobile satellite service.

Lightweight and low-SWaP, SkyLink 6100 is easy to install and purpose-built for operational efficiency, safety, and continuous coverage. Use this device as a real-time communications, monitoring, and telematics platform for total visibility of high-value assets, both onshore and at sea.

APPLICATIONS

- Maritime IoT
- Workboat operations
- Commercial maritime
- Anti-piracy
- USVs (Unmanned Surface Vehicles)
- Government & defense
- Security, patrols, & 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

BLUESKYNETWORK.COM

11100 ENDEAVOR CT, SUITE 300, MANASSAS, VA 20109 USA | T: +1 858 551 3894 E: SALES@BLUESKYNETWORK.COM

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SkyLink 6100 Data Gateway

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 battery backup for up to 96 hours of continuous power (optional)
- IP65 compliant
- Frequency: 1616 MHz – 1626.5 MHz

*Physical specifications subject to change

CONNECTIVITY

- Iridium Certus® 100 services: 88 Kbps DL / 22 Kbps UL
- Cellular LTE-A CAT 12, 3G, 4G
- Least-cost routing
- Wi-Fi, Ethernet, USB, RS232
- GNSS positioning/tracking
- Application hosting
- Remote device management
- Diagnostics & health monitoring
- Tracking with SkyRouter™ fleet management

ANTENNAS

EXTERNAL-MOUNT OPTIONS





DIRECT-MOUNT OPTION





About Blue Sky Network

Blue Sky Network is a leading provider of global solutions engineered for the future of land, sea, and air communications. Our comprehensive portfolio of satellite-based tracking systems, intelligent software solutions, and dual-mode two-way devices deliver seamless communications and connectivity, even in the most remote environments.

BLUE SKY NETWORK IS A PREFERRED IRIDIUM CERTUS® SERVICE PROVIDER AND VALUE-ADDED MANUFACTURING PARTNER.

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8-24-SkyLink-6100-Brochure-v2.2