



Blue Sky Network

# SkyLink 5100

**DELIVERS NEXT-GENERATION CONNECTIVITY FOR SEAMLESS COMMUNICATIONS, ANYTIME AND ANYWHERE**

## Comprehensive Communications Solution

SkyLink 5100 by Blue Sky Network is engineered to deliver reliable voice, data, and asset management capabilities to and from any location on Earth.

Powered by next-generation Iridium Certus® satellite service and high-speed local cellular networks, this cutting-edge solution provides pole-to-pole, omni-directional coverage for seamless connectivity and mission-critical communications.

The lightweight, low-SWaP SkyLink 5100 easily mounts to fixed or mobile assets for complete operational efficiency, safety, and continuity coverage. Effortlessly make high-quality phone calls, send messages and emails, transfer data, and remotely monitor critical assets.

With SkyLink 5100, achieve total connectivity in any location across the globe.

### APPLICATIONS

- Vehicles
- Buildings
- Remote sites
- IoT/M2M
- Personnel

### CAPABILITIES

- Telemetry
- Remote monitoring
- Internet/VPN access
- 2x HD voice lines
- Email
- Real-time messaging
- Media sharing
- Asset utilization





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## ANTENNAS

### EXTERNAL-MOUNT OPTIONS



### DIRECT-MOUNT OPTION



# SkyLink 5100 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
- Advanced local firewall
- GNSS positioning/tracking
- Application hosting
- Remote device management
- Diagnostics & health monitoring
- Tracking with SkyRouter™ fleet management

## About Blue Sky Network

Blue Sky Network is a leading provider of global solutions engineered for the future of land, sea, and air communications. Together with NAL Research, we offer a comprehensive portfolio of military-grade devices, satellite-based tracking systems, intelligent software solutions, and dual-mode two-way devices that 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.**

