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Blue Sky Network

SkyLink 5100

SKYLINK 5100 DELIVERS NEXT-GENERATION CONNECTIVITY, 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

SkyLink 5100 Data Gateway

Specifications

ANTENNAS

EXTERNAL-MOUNT OPTIONS

DIRECT-MOUNT OPTION

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 and IP67 compliant for outdoor use
- 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. Our comprehensive portfolio of satellite-based tracking systems, intelligence software solutions, dual-mode two-way devices, and hardware 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.