

SKYLINK 5100



SKYLINK 5100
DELIVERS SATELLITE
CONNECTIVITY USING
IRIDIUM CERTUS®
L-BAND SERVICE

VERTICALS

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

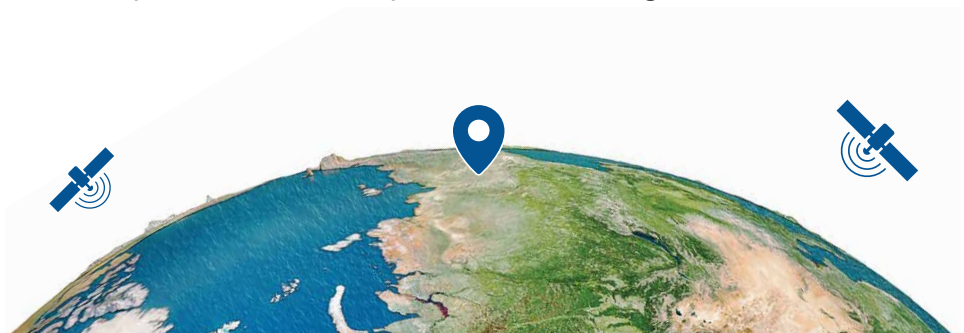
USE CASES

- › Telemetry
- › Remote monitoring
- › Internet/VPN
- › Push-to-Talk (PTT)
- › Email
- › Media sharing
- › Asset utilization
- › Graphical weather

LAND-BASED VOICE AND IP DATA SOLUTION

The SkyLink 5100 by Blue Sky Network delivers next-generation satellite connectivity to any location on the planet. This compact and versatile communications terminal is powered by Iridium’s new Certus network, providing enterprise-grade voice, remote monitoring, and data connection.

As a certified Iridium Connected® product, the SkyLink 5100 is designed for complete business efficiency, safety and continuity coverage. Its slim design allows for easy mounting on fixed or mobile units to transfer real-time data from existing sensors, asset utilization and IoT/M2M monitoring tools. In the field, use this device as a portable communications and media sharing platform for mission-critical updates to and from remote and frontline workers. With the SkyLink 5100, achieve total connectivity for all assets, in every location, across the globe.





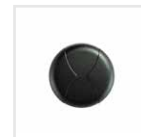
INTERFACES

- A.** 100/1000 Ethernet with POE
- B.** USB with voice capabilities
- C.** Expanded IO for sensor integration
- D.** Wide Range Power (10 – 34VDC) with ignition sense
- E.** Ethernet, USB, RS232 options, and wide-range power supply

ANTENNA OPTIONS



External fixed-mount antenna kit



External vehicle mount antenna kit

Dual mode data gateway shown with optional communications companion (left) and LTE extender antenna.

SPECIFICATIONS

PHYSICAL*

- Size (dual mode data gateway): 8 x 5 x 1.5 in (12.7 x 20.3 x 3.2 cm)
- Size (communications companion, optional): 8 x 5 x 1.5 in (12.7 x 20.3 x 3.2 cm)
- Weight (per unit): 1.6 lb (0.7 kg)
- Power source: vehicle ignition, Power over Ethernet, AC/DC adapter
- Input voltage: 10 – 34VDC
- Power consumption: 18W peak power, 7W nominal
- Operational temperature: -40°C to +70°C
- Long life backup battery for up to 48 hours of continuous power (optional)
- IP65 compliant
- Mounting options: vertical, horizontal, remote antenna

* Physical product specifications subject to change

CONNECTIVITY

- Iridium Certus 100 services: 88 kbps DL / 22 kbps UL
- Cellular: LTE-A CAT 6: 300 Mbps DL / 50 Mbps UL
- Least cost routing
- GNSS positioning
- Wi-Fi
- Bluetooth
- Local firewall
- 2x Iridium voice lines
- PTT (app-based)
- Hosted applications
- Configuration, status, and usage monitoring

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 5100 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.

