

SKYLINK 5100



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

VERTICALS

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

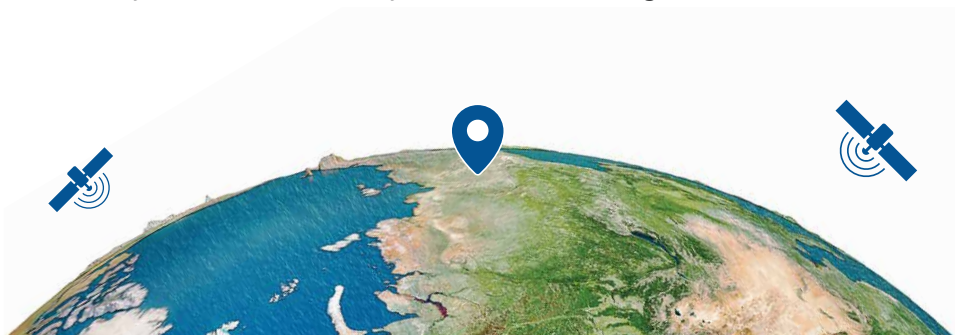
USE CASES

- › 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.





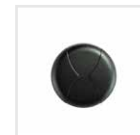
INTERFACES

- 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

