



SkyLink 5100

SkyLink 5100 delivers satellite connectivity using Iridium Certus® L-Band service

Land Based Voice & 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.

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



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Vehicles



Buildings



Remote Sites



Lone Workers



Interfaces

- A.** 100/1000 Ethernet with PoE
- B.** USB with voice capabilities
- C.** 6-PIN IO & IO Expansion
- D.** Wide Range Power (10V-32VDC) 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

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Physical Specifications

Size (dual mode data gateway)	5 x 8 x 1.25 in (127 x 203 x 32 mm)
Size (communications companion)	5 x 8 x 1.25 in(127 x 203 x 32 mm)
Weight (per unit)	1 lb (0.45 kg)
Power source	Vehicle ignition, Power over Ethernet,AC/DC adapter
Input power	10 - 34 VDC
Output power	18W peak power, 7W nominal
Operational temperature	-40°C - +70°C
Long life backup battery (optional)	
IP67 compliant for outdoor installation	
Mounting options: vertical, horizontal, remote antenna	

** Physical product specifications subject to change*

Connectivity Specifications

Iridium Certus 100 services – 88 kbps DL / 22 kbps UL
Cellular LTE/4G
Least cost routing
GNSS positioning
Wi-Fi
Bluetooth
Local firewall
2x Iridium voice lines
PTT (app-based)
Hosted applications
Configuration, status, and usage monitoring