SKYLINK 7100

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DELIVERS

DATA & VOICE

FOR AVIATION

OPERATIONS

APPLICATIONS

› **Air** Transport
› Mil/Gov
› First Responders
› Rotorcraft
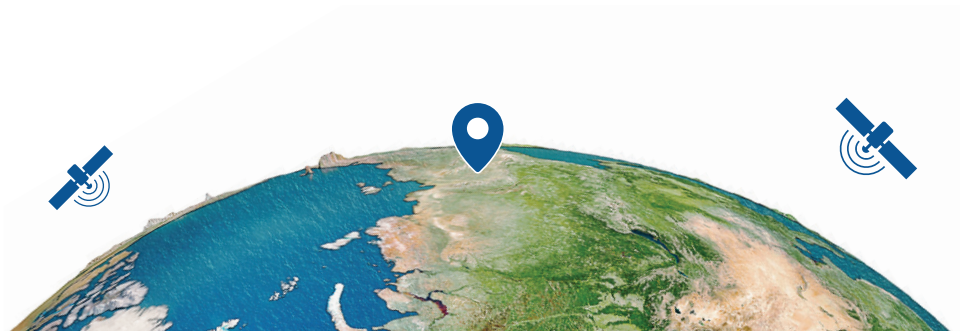› Business Aviation
› General Aviation
› Tourism

CAPABILITIES

› Voice & Data
› Least Cost Routing
› VOIP & Messenger Apps
› EFB Weather
› Pilot Application Enablement
› Telematics
› SkyRouter® Compatible

AVIATION IP DATALINK SOLUTION

SkyLink 7100 by Blue Sky Network delivers next generation, global satellite and cellular technology to support voice and data for aviation.

This compact and versatile communications terminal offers 4G/LTE and iridium Certus broadband satellite technology, switching between each datalink with least-cost routing software. SkyLink enables enterprise-grade IP with two dedicated high-definition voice channels.

The SkyLink 7100's small size allows for easy integration and installation on aircraft. Enjoy constant connectivity anywhere on the planet.

SKYLINK 7100 DATA GATEWAY

IRIDIUM ANTENNA

Single Element Iridium Antenna

SkyLink 7100 Gateway can integrate with COTS, LTE, or MIMO antennas.

SPECIFICATIONS

PHYSICAL*

- Size (SkyLink 7100 Gateway): 5 x 8 x 1.25 in / 1.6 lb (127 x 203 x 32 mm / .73 kg)
- Single Channel Antenna: 3.5 x 1.2 in / 0.5 lb (8.9 x 3 cm / .23 kg)
- Operational temperature: -40°C - +70°C
- Input voltage: 10 – 34VDC
- Power consumption: 10W peak power, 5W nominal
- DO-160G
- 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: 600 Mbps DL / 150 Mbps UL
- Least-cost routing
- Ethernet, USB, RS232
- GNSS positioning/tracking
- Application hosting
- Remote device management
- Diagnostics and health monitoring
- Data analytics and edge computing
- Integration with SkyRouter™ fleet management

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 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.