

# SKYLINK 7100



SKYLINK 7100  
 ENABLES IRIDIUM  
 GLOBAL LINE OF SIGHT<sup>SM</sup>  
 FOR UAS OPERATIONS



## APPLICATIONS

- Agriculture
- Emergency Services
- Environmental Monitoring
- Government & Defense
- Infrastructure Monitoring
- Payload Delivery
- Public Safety
- Scientific Exploration
- UAM

## CAPABILITIES

- BVLOS Communications
- Command and Control (C2)
- Communications Backhaul
- GNSS Positioning
- LIDAR
- Remote ID
- Remote Monitoring
- Surveillance
- Telematics

## UAV IP DATALINK SOLUTION

The SkyLink 7100 by Blue Sky Network delivers next generation, global satellite connectivity to support autonomous communications and data monitoring beyond visual line of sight (BVLOS). The compact and versatile communications terminal is powered by Iridium’s new Certus network, providing enterprise-grade IP services from a constellation of 66 cross-linked satellites for truly global connectivity.

As a certified Iridium Connected® solution, the SkyLink 7100 is a midband transceiver designed for complete operational efficiency, safety, and continuity coverage. Its slim design allows for easy integration and installation on UAVs to stream low latency data from onboard sensors, transfer photos, and utilize real-time command and control. With the SkyLink 7100, achieve total connectivity for all assets, in every location, across the globe.





## SKYLINK 7100 GATEWAY



## ANTENNA OPTIONS



Single Element Iridium Antenna



Dual Element Iridium + GPS Antenna (Coming Soon)

*SkyLink 7100 Gateway can integrate with existing UAV LTE antennas or pair with COTS MIMO antennas*

## SPECIFICATIONS

### PHYSICAL\*

- Size (SkyLink 7100 Gateway) 8" L x 5" W x 1.5" H 1.5 lb.
- Single Element Antenna: 3.5" Diameter x 1.2" H 0.5 lb.
- Dual Element Antenna: 3" W x 7.85" L x 1.25" H 1 lb.
- Operational temp: -40C – +70C
- Input power: 10 – 34 VDC
- Peak Power: 18W
- Nominal Power: 7W
- DO160G
- IP65 Compliance
- Frequency: 1616 MHz – 1626.5 MHz

*\*Physical specifications subject to change*

### CONNECTIVITY

- Iridium Certus 100 services – 88 Kbps DL / 22 Kbps UL
- Cellular LTE CAT 6 – 300 Mbps DL / 50 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

