

# SKYLINK 5100 IoT



SKYLINK IoT  
DELIVERS ESSENTIAL  
DATA FROM ANY ASSET,  
ANYWHERE

## APPLICATIONS

- › Oil & Gas
- › Renewable energy
- › Scientific research
- › Agriculture
- › Remote sites
- › Smart cities
- › High value assets
- › Environmental monitoring

## CAPABILITIES

- › Edge computing
- › SCADA transfer
- › Internet/VPN access
- › Dual-mode cellular & satellite
- › Real-time monitoring
- › High value asset tracking
- › Battery backup available

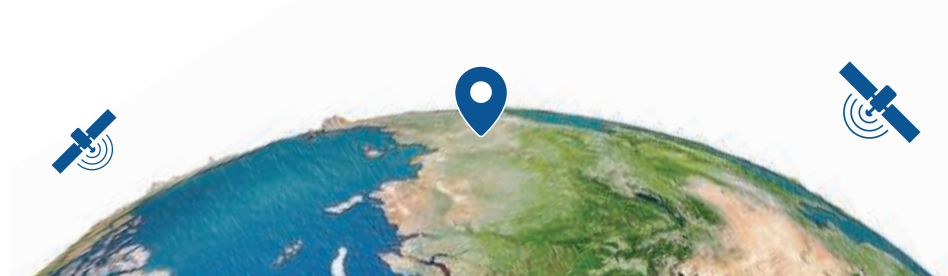
## LAND-BASED IP DATA SOLUTION FOR IoT & M2M

The SkyLink 5100 IoT solution by Blue Sky Network is a versatile, high-performance communications system powered by Iridium Certus, the world's leading L-band mobile satellite service.

SkyLink is a premium solution for assets management, offering a mid-band satellite data transfer capability for IP data, SCADA, and sensor information. Edge computing does the on-site heavy lifting, prior to transportation, if needed.

High value mobile assets moving in and out of cellular coverage benefit from SkyLink's dual-mode capability. Dual-mode provides automatic switching between the Iridium and cellular networks.

As a certified Iridium Connected® product, SkyLink 5100 IoT has been designed for operational efficiency, reliability, and continuous coverage. With SkyLink 5100 IoT, achieve total connectivity for all assets, in every location, on the planet.



**OIL & GAS****RESEARCH****POWER & UTILITIES****AGRICULTURE****SKYLINK 5100 IoT HARDWARE**
**ANTENNA OPTIONS**

**Direct-Mount  
Antenna**



**Cellular Antenna**



**External Fixed-  
Mount Antenna Kit**

**SPECIFICATIONS****PHYSICAL (DATA GATEWAY)**

- Size: 8 x 5 x1.5 in (12.7 x 20.3 x 3.2 cm)
- Weight: 1.6lb (0.7 kg)
- Operational temperature: -40°C to +70°C
- Input voltage: 10 – 34VDC
- Power consumption: 18W peak power, 7W nominal
- IP65 compliance for outdoor use
- Frequency: 1616 MHz – 1626.5 MHz

**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
- Wi-Fi connectivity
- Ethernet, USB, RS232
- GNSS positioning
- Remote device management
- Diagnostics and health monitoring
- Tracking with SkyRouter™ fleet management
- External inputs and outputs, edge computing and application hosting (when paired with the Communications Companion)

**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.

