

# 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

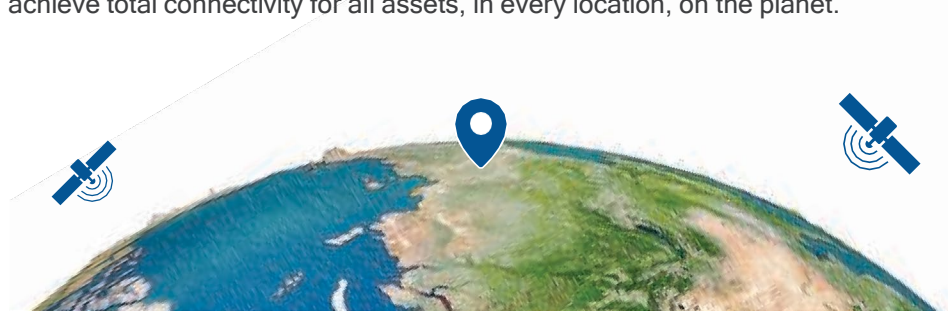
## LAND-BASED IP DATA SOLUTION FOR IoT & M2M

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 x 1.5 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)

