

Skyus™ 300 & 500 Routers

Fast Now and Future Ready



Skyus 300 & 500 At A Glance

IP-Rated Gigabit Routers for IIoT

Fast Now

Built for speed with Cat-18 4G LTE-A Pro connectivity (download speed of 1.2 Gbps)

Future Ready

Industry-leading gigabit LTE technology with 5CA, 256 QAM, and CBRS/LAA support

Durability

Designed with IP64 and MIL-STD 810G ratings for protection in the most rugged environments

Simple and Secure Management

Inseego's IoT Connect cloud platform provides 360-degree visibility and secure accessibility to all remote deployments

On-board computers and WiFi networks have long been essential tools for public safety first responders. But in recent years, the technology available for police cars, fire trucks and ambulances has increased dramatically.

With the onset of new IoT initiatives such as FirstNet, emergency responders are now upgrading their fleets and public safety equipment to support the latest mobile technologies. This will not only improve coverage and reliability, it will also enable many new ways to improve overall public safety.

However, choosing the right wireless routers for emergency responders can be tricky. Routers must support the highest level of security available and must last for years, but are often exposed to harsh environments. Also, ease of management is critical to controlling costs and operational effectiveness.

Skyus 300 and 500 routers from industry leader Inseego provide rugged, future-proof and public safety-ready wireless routers. Not only are Skyus 300 and 500 routers built for speed, they also have an IP64 rating and can be centrally managed through Inseego's cloud management platform. They feature the patented MiFi® technology, recently branded MiFi^Q, and with more than 32 million units shipped, you can trust in the reliability of Skyus 300 and 500 routers.

Skyus 300	Smaller form factor	Two ethernet ports	Lower price point	Power over Ethernet? No	Mobile Config: LTE, WiFi, GPS, BT Fixed Remote Config: CAT-18 LTE, CBRS/LAA
Skyus 500	Full feature set	Four ethernet ports	Best cellular Rx/Tx High-power WiFi	Power over Ethernet? Yes	CAT-18 LTE, CBRS/LAA, WiFi, GPS, BT, PoE

Delivers a future-proof connection with secure device management

Although 5G networks are expanding, 4G LTE will remain the most prevalent cellular technology for several more years. In addition, 4G LTE is still evolving and is increasing in speed and coverage. It's important to choose routers that can take full advantage of 4G LTE today but are also ready to support the 5G networks of tomorrow.

Skyus 300 and 500 routers support the latest 4G LTE-A Pro Cat-18 connectivity and are ready to support future 5G NR Skyus and MiFi^Q devices. That means they support the most advanced 4G LTE technology and are ideal solutions for the gradual industry transition toward 5G. At the same time, Inseego's IoT Connect cloud monitoring and management solution helps simplify device management. This helps ensure the total cost of ownership (TCO) is optimized over the device's lifespan by enabling you to:

- Rapidly configure and deploy Skyus 300 and 500 routers
- Easily and rapidly install regular firmware updates to keep devices secure and up to date
- Update configurations as business needs evolve
- Regulate and manage data usage

You can also count on Skyus 300 and 500 routers for years of reliable performance — they've passed multiple tests for industrial strength including IP64 for protection from dust and water spray, MIL-STD 810G and SAE J1455 for protection against vibration, thermal shock, impact, and electrical shock. The integrated mounting holes give you the ability to install the device wherever needed. In addition, the Skyus 500 and 300 gives you flexible options to choose the full featured 500 router or the compact 300 if space is a premium.

High-speed WiFi and ethernet enables remote business and consumer productivity

Connectivity is critical for today's emergency responders. They require a device that delivers 100% uptime and supports multiple carriers for rapid failover. To provide this, Skyus 300 and 500 routers support the latest technologies as well as additional modems using USB or ethernet WAN connections to enable failover and multi-carrier support and load balancing. In addition to providing ethernet to numerous hardlined connections, the Skyus IIoT routers provide the latest WiFi technology with up to 128 connections. They provide the throughput to support any mission critical business need and multiple live video streams. Alternatively, WiFi client mode (WiFi as WAN) allows for high speed video offloading or connectivity while reducing data usage. And with WPA/WPA2 enterprise encryption, Skyus 300 and 500 routers provide enterprise-grade security.

Industry leading band coverage and cellular reception and transmission

In mobile environments, coverage over all locations is critical. By supporting all of the latest LTE bands including CBRS and LAA, the Skyus IIoT routers provide the best coverage available. If there is cellular service in an area, Skyus 300 and 500 routers will deliver top-of-the-line performance using 4x4 MIMO LTE and 2x2 MIMO CBRS/LAA to have primary and diversity antennas for each LTE range.

Contact Us to learn more: insidesales@inseego.com

About Inseego

Inseego enables high performance mobile applications for large enterprise verticals, service providers and small-medium businesses around the globe. Our product portfolio consists of Enterprise SaaS Solutions and IoT & Mobile Solutions, which together form the backbone of compelling, intelligent, reliable and secure IoT services with deep business intelligence. Inseego powers mission-critical applications, such as asset tracking, fleet management, industrial IoT, SD WAN failover management and mobile broadband services, with industry-leading uptime. Our solutions are powered by our key innovations in IoT, purpose-built SaaS cloud platforms and mobile technologies, including the newly emerging 5G technology.