

Solution Brief Transportation

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

In-vehicle IoT routers improve efficiencies, safety and operational productivity for vehicles such as buses, taxis and delivery vehicles. With industrial-grade hardware and reliable high-speed connectivity, vehicle tracking, instant communication and remote mobile computing is easy.

Choosing the right wireless router for transportation and distribution uses, however, can be tricky. Routers are often exposed to harsh environments yet they need to last for several years. For in-vehicle WiFi and remote monitoring, ease of management is critical.

Skyus 300 and 500 routers from Inseego provide rugged, future-proof and transportation-ready wireless routers. Not only are Skyus 300 and 500 routers built for speed, they also have an IP64 rating to withstand any mobile environment. Inseego's IoT Connect cloud management platform allows for easy remote device management. 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. In mobile environments, coverage is critical and it is 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 and the IP64 rating ensures protection from dust and water spray.

Industry leading band coverage and cellular reception and transmission

In mobile environments, consistent coverage in 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. In addition, by providing primary and diversity antennas for each LTE frequency range, the Skyus routers will always have the best signal quality and speeds. The integrated mounting holes in each give the ability to install the device wherever needed.

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

Today's transportation industry needs to provide connectivity for more than just systems within the vehicle. WiFi-connected systems as well as customer needs are also important. For example, buses provide WiFi for passengers, and the drivers regularly rely on laptops and tablets to optimize productivity. Skyus routers provide the throughput needed to support large numbers of users. When video monitoring is required, Skyus routers are capable of supporting multiple live video streams or can utilize WiFi as WAN (WiFi client mode) to connect or offload video data to reduce data usage. And with WPA/WPA2 enterprise encryption, Skyus 300 and 500 routers provide enterprise-grade security.

Provides secure and reliable remote visibility and management

Inseego's IoT Connect cloud platform makes it simple to securely view and access all deployed devices. Using the centralized management platform, you can monitor location, edit device settings and manage data usage to optimize your business.

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.