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# Airgain Launches Industry's First Commercially Available Cat 1 bis Embedded Modem Certified for Customer End-Applications

*New addition to the NimbeLink Skywire™ family simplifies global IoT deployments with faster integration, lower costs, and seamless hardware migration*

SAN DIEGO--(BUSINESS WIRE)-- **Airgain, Inc.** (NASDAQ: AIRG), a leading provider of wireless connectivity solutions, today announced the launch of the [NimbeLink Skywire™ Cat 1 bis Embedded Modem](#), the industry's first plug-and-play Cat 1 bis modem for end-application use in industrial IoT. Designed to streamline cellular integration for a wide range of applications, this new modem marks a major leap forward in simplifying and accelerating IoT deployments across industrial, healthcare, logistics, and smart city environments.

This press release features multimedia. View the full release here:  
<https://www.businesswire.com/news/home/20250619018572/en/>

Built on next-generation Cat 1 bis technology, the Skywire Cat 1 bis modem delivers the optimal balance of performance, power efficiency, and cost—particularly ideal for IoT devices that require moderate data rates, global network coverage, and long-term deployment. Unlike traditional cellular modules, which require time-consuming and costly certification, Airgain's modem comes pre-certified as an end device, enabling customers to bypass most regulatory bottlenecks and bring solutions to market up to 80% faster.

"The launch of our Cat 1 bis modem represents a meaningful step forward in simplifying cellular connectivity for IoT," said Joe Porrazzo, Senior Director of Product at Airgain. "By combining end-device certification, plug-and-play integration, and global carrier support in a compact form factor, we're helping customers reduce complexity, speed up development cycles, and deploy with rapid time-to-market."

To help developers and product teams navigate the evolving landscape of low-power cellular technologies, Airgain is hosting a free webinar: "**Choosing the Right Cellular LTE Modem Technology for Your IoT Application**". Join our experts as we break down Cat 1, Cat 1 bis, Cat M, and other key options to help you make the right decision for your next design. [\[Register here\]](#) to reserve your spot.

## Why Cat 1 bis?

As LTE networks evolve and older 2G/3G technologies sunset, Cat 1 bis has emerged as the new baseline for reliable, globally compatible IoT connectivity. Offering single-antenna design (lower BOM cost), extended coverage in hard-to-reach areas, and improved power



Airgain's NimbeLink Skywire™ Cat 1 bis modem delivers end-application certification, enabling faster time-to-market and reduced integration costs for global IoT solutions.

- Standard Skywire 20-pin footprint enables drop-in replacement for existing designs
- **Cost-Optimized:** MSRP 20–30% lower than previous Cat 1 solutions
- **Global Carrier Support:** Available in North American (TC1bisNAG) and Worldwide (QC1bisWWG) versions
- **Compact and Durable:** Industrial-grade form factor (29 x 33.9 x 10.8 mm) optimized for space-constrained applications
- **Future-Proof:** Built on the latest Telit and Quectel Cat 1 bis cellular modules

The Skywire Cat 1 bis modem is available now for evaluation, with immediate commercial availability. Customers can access development kits, reference designs, and migration guides to enable a seamless integration process. The Cat 1 bis modem is available through Airgain's authorized distribution partners, including DigiKey, Braemac, Mouser, GetWireless, Arrow, and Richardson.

To learn more, visit [NimbeLink Skywire Cat 1 bis Embedded Modem](#) on Airgain.com.

Note: Carrier certification may vary by region and application. Customers should verify compatibility with specific mobile network operators as part of their deployment process.

**About Airgain, Inc.**

efficiency, Cat 1 bis is ideally suited for smart meters, asset trackers, sensors, gateways, and remote monitoring systems. Best of all, Airgain's Cat 1 bis modem delivers Cat 1-class performance at nearly the same price point as Cat M modules—making it an ideal upgrade path for developers looking to reduce costs without sacrificing speed or reliability.

#### **Product Highlights:**

- **Certified for End-Device Applications:** Pre-certified on select global networks to eliminate most regulatory certification hurdles
- **Plug-and-Play:**

Headquartered in San Diego, California, Airgain, Inc. (NASDAQ: AIRG) is a leading provider of advanced wireless connectivity solutions that drive cutting-edge innovation in 5G technology. We are committed to delivering high-performance, cost-effective, and energy-efficient wireless solutions that enable rapid market deployment. Our mission is to connect the world through integrated, innovative, and optimized wireless solutions. Our diverse product portfolio serves three primary markets: enterprise, automotive, and consumer. For more information, visit [airgain.com](https://airgain.com), or follow us on [LinkedIn](#) and [X](#).

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**Media Contact:**

Cyrus Sy

[pr@airgain.com](mailto:pr@airgain.com)

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