

ID Tech Expands RFID Portfolio with Advanced Near-Field and Far-Field Antennas

ID Tech, a trusted global leader in access, identity, and automation technologies, proudly announces the expansion of its RFID hardware portfolio.



New Delhi, Delhi Jul 7, 2025 ([Issuewire.com](https://www.issuewire.com)) - The launch includes new high-performance Near-Field Antennas and the relaunch of the rugged, **high-gain Far-Field Antenna (13dBi)**, delivering exceptional durability and performance. This strategic expansion strengthens ID Tech's position as a comprehensive 360° RFID solutions provider, serving the evolving needs of industries around the world.

The new antennas feature a unique enclosure design that aesthetically fits various use cases and scenarios while providing rugged, industry-grade protection. They offer improved mounting integration and application-specific tuning. Engineered for a wide range of applications, these antennas are suitable for precise, short-range tracking to high-speed, long-range identification.

"Our goal has always been to empower industries with reliable, scalable, and intelligent RFID infrastructure," said [Saurav Khemani](#), Managing Director at ID Tech. "With this expansion, we now offer tailored antenna solutions for every environment from jewelry tracking and retail to vehicle tolling and warehouse automation."

Built for Indian Conditions. Engineered to Global Standards

Near-Field Antenna (IDT.NF.ANT.CP.10.1): Designed for short-range, high precision tracking, these -10 dBi gain antennas are small, circularly polarised, and calibrated for short-range accuracy with uniform read coverage and no dead zones. They are perfect for applications where space is limited and accuracy is crucial, such as smart retail, filing cabinets, jewellery display units, pharmaceutical shelves, and library automation. The antennas perform consistently, regardless of tag orientation, making them

reliable even in dense, cluttered environments.

Far-Field Antenna (IDT.FF.ANT.CP.13.1):

With a long read range and a high gain of 13 dBi, these IP67-rated, circularly polarized antennas are built for long-range and high-speed RFID applications. They are designed to be flexible, general-purpose antennas, ideal for use in logistics, inventory control, free-flow tolling, forklift tracking, warehouse automation, and vehicle identification. Their rugged, industry-grade design ensures reliable performance even in harsh and metal-dense environments. The antennas maintain stable and accurate tag reads, making them a dependable choice for demanding industrial setups.

All antennas are designed and built in-house in India, at ID Tech's ISO 9001:2015-certified facility, to meet unique size, shape, and RF performance requirements, highlighting the company's long-standing commitment to local innovation, design control, and worldwide compliance. Prior to deployment, each antenna goes through a comprehensive RF simulation, field testing, and performance assessment.

This portfolio growth is also the continuation of the broader ID Tech plan of offering vertically integrated RFID solutions from custom [RFID readers](#) and tags to antennas and middleware across various industries like banking, public infrastructure, retail, logistics, tolling, and many others.

With over 20 years of RFID innovation, 150 million+ [RFID tags](#) shipped worldwide, and 10,000+ RFID readers & Antennas installed globally, ID Tech is building tomorrow's future of identity, traceability, and automation.

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