



DuraFon-SIP™ -System

DuraFon-SIP™

Durable, Long-Range SIP Cordless Phone System

The DuraFon-SIP is the industry's first durable, long-range SIP cordless phone. The DuraFon-SIP Cordless Phone System delivers industry-leading range, durability and reliability, in a flexible, multi-mode communications platform that provides users with the lowest total cost of ownership (TCO) in the industry. This durable, long-range SIP cordless phone provides up to 250,000 square feet of facility coverage, penetrates up to 12-floors for in-building coverage and up to 3,000 acres of property in open land coverage.

It supports both SIP and one PSTN line analog and is ideal for companies with an existing IP-PBX system on the premises or those using hosted VoIP services that require reliable, long-range communications over large areas or in harsh environments. Such as, organizations whose staff work on large properties outside of a conventional office, or venues where employees need to stay in constant contact with a main office or management team and where Wi-Fi or DECT phones can't reach. These may include:

- > Large Resort Properties
- > Schools, Colleges and Universities
- > Golf Courses
- > Warehouses
- > High-Rise Hotels
- > Expansive Agricultural Properties
- > Industrial Plants
- > Oil and Gas Fields
- > Convention Centers
- > Amusement Parks
- > Assisted Living Facilities
- > Auto Dealerships
- > Retail and Grocery Stores

An expert in wireless communications and RF technology, EnGenius delivers feature-rich, long-range wireless communications technology for voice and data. The versatility and performance of the company's solutions lower total cost of ownership, increase productivity and maximize efficiency and performance to a large number of clients simultaneously.

Key Features:

- > Long Range SIP Cordless Phone System
 - Up to 12 Floors In-Building Penetration
 - Up to 250,000 sq. ft. of Facility Coverage
 - Up to 3,000 Acres of Property, Open Land Coverage
- > Multi-Mode Communications
 - Base Supports up to Four (4) Concurrent Calls (4-SIP or 3-SIP + 1-PSTN)
 - Works with any IP-PBX that Supports Standard SIP Protocols
 - Independent 2-Way Intercom
 - "Push-to-Talk" PTT Broadcast Feature
- > Proven Durability with Ruggedized Design
- > Secure 900 MHz (902 ~ 928MHz) FHSS
- > Supports up to 10 SIP Accounts per Base Station
- > Web-Based Phone Book & System Configuration



Premises Mobility Communications Solution

DuraFon-SIP is a powerful, reliable, versatile multi-mode communications system that delivers industry-leading range and durability while providing significantly lower CAPEX and OPEX when compared to other SIP cordless phone solutions.

Lower CAPEX, faster deployments: DuraFon-SIP features EnGenius' high-power, easy-to-deploy single-cell technology that covers up to 250,000 sq. ft. indoors, 3,000 acres outdoors and penetrates up to 12 floors, minimizing the amount of equipment required.

Reduced OPEX, less downtime: The proven durability of the DuraFon series – over 10 years of continued innovation and testing – ensures that the phones will survive in the most challenging environments where handsets are subjected to drops and shocks.

Flexible and easy-to-deploy: Easily configured via the Base Station web interface, DuraFon-SIP supports both PSTN and SIP functions, and works with any IP-PBX system that supports the standard SIP protocol. In addition to long-range connectivity, the multi-mode system also enables users to communicate via 2-Way Intercom and PTT Broadcast modes.

Flexible, Multi-Mode Communications

Independent 2-Way Intercom

The DuraFon-SIP's Handset provides direct handset-to-handset communication without going through the Base Station for quick contact with specific users without group chatter.

Broadcast Feature

DuraFon-SIP offers the favored, "Push-to-Talk" feature through the Handset's Broadcast button, allowing users to create 1-way communications for 1-to-All or 1-to-A Handset Group for instant response without the wait.

Dual Interface

Support for both SIP and PSTN lines permit the connection of the Base Station to a legacy PBX, IP-PBX or preference service provider and gives users up to four (4) talk paths via four (4) digital calls or three (3) digital calls and one (1) analog line.

Easy Phone Book and System Configuration Management

Easily configure and manage the master phone book via the DuraFon-SIP Base Station Web Interface and effortlessly transfer updates to each Handset via air.

Durable, Ruggedized Design

The DuraFon-SIP's durable, rugged Handset is designed for use in harsh environments and tested to withstand 6-foot drops, over 50 times onto concrete floors without breaks.

Superior Long-Range Performance

DuraFon-SIP implements a high-powered 900MHz proprietary air protocol, with high RF transmission and sensitivity to provide superior range and coverage for the industrial market; covering up to 250,000 sq. ft. indoors, 3,000 acres outdoors and penetrating up to 12 floors.

Highly Secure Wireless Communications

Adopting 900MHz (902~928MHz) FHSS (Frequency Hopping Spread Spectrum) technology, the DuraFon-SIP ensures secure communications during conversations.

Single Cell Technology Minimizes Equipment Needs, Saves Money

Designed to simplify deployment, the DuraFon-SIP features single cell technology that leverages a single 900 MHz Base Station for long-range coverage, eliminating the need for added Base Stations or repeaters, helping companies lower their capital expenses through faster deployment.

10-Years of Trusted Reliability

The DuraFon-SIP shares the trusted, proven durability of the popular DuraFon Series with over 10 years of continued innovation and testing that ensures the Handsets will survive in even the most challenging environments where they are subjected to drops and shocks.

Lowest Total Cost of Ownership Available for SIP Deployments

Unlike other SIP systems, the DuraFon-SIP offers the lowest TCO available for SIP deployments. By simplifying and expediting system deployments, the DuraFon SIP lowers overall equipment costs and ensures less downtime through its proven reliability, reducing overall operating expenses for the life of the system.

Operates Independently of Wi-Fi Networks

DuraFon-SIP operates independently of your existing Wi-Fi network, which means you don't need to be concerned with roaming or QoS issues that are typical with voice communications on a WLAN. By using the 900MHz frequency, there is also no need to worry about the DuraFon-SIP causing interference to existing 2.4 GHz and 5 GHz Wi-Fi.