Long Range Industrial Cordless Phone Systems

Long Range Indoor / Outdoor Wireless Networking Solutions

EnGenius Technologies, Inc. is the North American subsidiary of Senao International, a publicly traded $500 million Taiwan based company founded in 1979.
Global Presence

5 Regional Branch Units
California (USA), Florida (Latin America), Canada, Dubai, Singapore
Seattle, Washington (Research & Development)
DuraFon
Long Range Cordless Systems

Douglas Bowersox
Product Manager
What is a DuraFon System?

- **Analog Cordless Telephone System**
  - 902-928 MHz for maximum range
  - Small, Medium and Large Systems (1X, 4X, PRO)
  - Supports up to 32 Analog PBX or CO Lines
  - Supports up to 90 DuraFon Handsets or Walkies

- **Private and Secure 2-Way Radio System**
  - Full Duplex Handset to Handset 2-Way Radio System
  - Supports up to 90 DuraFon Handsets or Walkies
  - Built in ‘Broadcast Page’ (single handset, group or all)
  - No License Fee or Airtime Charges!
DuraFon Handset

- Damage resistant
- Low Profile antenna
- DuraVoice: natural, superior sound quality
- Backlit LCD & Dial pad
- Push to Talk Broadcast
- 2.5mm Headset Port
- Shock-Absorbent
- Full-duplex 2-way Intercom

Longest Range Cordless Telephone Systems
Standard System Features

- 9 programmable PBX functions per handset
- 6 hours talk time, 50 hours stand-by time
- Adjustable Ringer / Vibration
- Call Hold
- Caller ID
- Call Logs (dialed, missed, received)
- Call Transfer
- Call Waiting w/Caller ID
- Call Barring (dial restrictions)
- Do Not Disturb (silent ring)
- Last Number Redial
- Music on Hold Source Input
- Mute
- Name Tagging w/Caller ID
- Text Messages (DuraFon 1X / 4X)
- One Year Manufactures Warranty
**DuraFon 1X**
- 1 line/port Base
- Supports 9 Handsets
- 2-way / Broadcast @ Base Station
- 30 Entry Phone Book
- SPEAKERPHONE

**DuraFon 4X**
- 4 line Base Supports up to 36 Handsets
- Auto Attendant
- Call Forwarding (internal / external)
- Conference Calling (3 way)
- 30 Entry Phone Book

**DuraFon Pro**
- 4 line Base (Expandable to 8 bases)
- Supports up to 90 Handsets
- DuraWalkie Handset (2way radio only) optional
- PBX Broadcast Page
- SPEAKERPHONE

Longest Range Cordless Telephone Systems
In Building Penetration Range

up to 12 floors

IT Staff
Maintenance
Security

Assisted Living
Hotels
Multi-Floor Business

Longest Range Cordless Telephone Systems
Office, Retail & Warehouse Mobility

Up to 250,000 square feet

- Retail Stores
- Convention Centers
- Manufacturing Plants
- Warehouses
- Distribution Centers
- Grocery Stores

Longest Range Cordless Telephone Systems
Outdoor Coverage

Up to 3,000 acres

Ranches  Vineyards  Sport Parks  Farms

Marinas  Golf Courses  Self Storage  Car Lots

Longest Range Cordless Telephone Systems
Private & Secure Radio System

No Air Time Charges! No FCC Licensing Requirements!

Longest Range Cordless Telephone Systems

Digital 2-Way Radio

No Group Chatter

Talk and listen at the same time!

Full Duplex handset to handset communication at the mall, job sites, tradeshows or anywhere you need 2-Way communication!

Private and Secure Wireless Network

Independent of the Base Unit
Broadcast Page System

Push-2-Talk announcement to “All” handsets, a “Group” of handsets or a “Single” handset.

- Simultaneous Broadcast Page to ALL handsets
  Up to 90

- Simultaneous Broadcast Page to a GROUP of handsets
  Up to Seven Groups

Longest Range Cordless Telephone Systems
Enhance safety, responsiveness and patient well being

Complete coverage in guestrooms, hallways, cafeteria, parking lots and outdoor facilities.

Caregivers can walk the entire property and never miss a call.

Have a medical emergency? Dial 911 from anywhere!
Use the private 2-way radio to contact staff quickly and privately.

Connects to existing PBX

12 Floors of Coverage
Coverage up to 250,000 sq. ft.
3000 Acres of Outdoor Coverage

Answer Incoming Calls
Access to Outgoing Calls
Direct Room Dialing

EnGenius for Assisted Living

Longest Range Cordless Telephone Systems
Mobility in Retail

Key employees have access to 2-Way Radio and Telephone from a single handset

Complete coverage at loading docks, warehouse, store aisles, bathrooms, registers and parking lots.

Longest Range Cordless Telephone Systems
Solutions for Education

Ensure campus safety, staff responsiveness and student well being

Use the private 2-Way radio to contact staff quickly and privately.

Use the Broadcast Feature to announce a school emergency.

Have a medical emergency? Dial 911 from anywhere!

Principals can walk the entire campus and never miss a call.

Complete coverage in classrooms, hallways, cafeteria, bus zones, playgrounds, ball fields and stadiums
DuraFon Advantage

- Durability
- DuraWalkie
- Expandable
- Extreme Range
- No QoS Concerns
- No Annual Contracts
- PBX / Remote Broadcast
- Access to company’s PBX
- Independent Broadcast Page
- Indoor and Outdoor Coverage
- Lower Installation Requirements
- No Reoccurring Airtime Charges
- Independent 2-way Radio System
EnGenius Users

✓ Assisted Living Facilities
✓ Auto Dealers
✓ Big Box Retailers
✓ Book Stores
✓ Brokerage Firms
✓ Construction
✓ Equipment Rental
✓ Farms / Ranches
✓ Grocery Stores
✓ Library

✓ Luxury Homes/Estates
✓ Manufacturers
✓ Marinas
✓ Nurseries
✓ Portable Emergency
✓ Professional Service Firms
✓ Schools
✓ Self-Storage
✓ Warehouses
Longest Range Cordless Telephone Systems

PBX Compatible

SIEMENS  |  VODAVI  |  AVAYA  |  Telrad Networks  |  MITEL
Panasonic  |  TOSHIBA  |  ShoreTel  |  INTER-TEL  |  COMDIAL
3COM  |  IWATSU VoIP Networks  |  esi  |  NEC  |  NORTEL  |  SAMSUNG

Ease of Use

Handsets can be programmed with nine different PBX feature codes

Programmable codes allow quick access to PBX features
(Call Park, Call Transfer)

Use handset Speed Dial to store Internal Extensions,
Page Codes and VM Access Codes.

Longest Range Cordless Telephone Systems
Q1. What type of security does the DuraFon line offer?

A1. The DuraFon Systems utilize Digital Spread Spectrum (DSS) with Frequency Hopping of 100 channels per second over 128 channels to maintain clarity and privacy. In addition, the base unit provides individual handset with one of over 65,000 random security codes to ensure that another system's handset is unable to link to another (non-related) base unit.

Q2. Why would EnGenius use 900Mhz, when this is an older technology?

A2. Contrary to common belief, range is actually better at lower frequencies. Lower frequencies are less absorbed by objects and less affected by walls, buildings, trees and open air. We additionally use 900Mhz to avoid interference with WiFi networks. The FCC allows more power to be used at lower frequencies because lower frequencies are safer for human exposure.

Q3. Are all the DuraFon models compatible with each other?

A3. No, each DuraFon model base will work with only that models handsets. (The DuraWalkie works with the PRO system and handsets only)
Contact Us

www.engeniustech.com
888-735-7888

EnGenius Sales Department (option 1)
email sales at sales@engeniustech.com

EnGenius Technical Department (option 2)
email support at support@engeniustech.com