



Wireless Industrial Solutions

Wireless Telephone Systems for the Workplace



Inter-Tel Wireless Industrial Solutions



Inter-Tel offers the most feature-rich and cost-effective workplace wireless solution which dramatically improves the way organizations can communicate and function. Offered as enhancements to traditional employee desktop communication tools, these endpoints are integrated with the Inter-Tel Axxess, enabling users to respond to critical business matters even when they are beyond their traditional workspace.

Inter-Tel's wireless solutions combine digital radio technology and the highest possible level of integration with enterprise telephone switching and networking systems to provide optimal voice quality consistently throughout any size and type of facility. Inter-Tel's models 8524, 8525 and 8526 are designed to support high standards for wireless quality and security. The six-ounce endpoints are extremely simple to use and durable enough to withstand the rigors of the workplace. The integration capabilities, superior performance and scalable architecture make it the most feature-rich, yet cost effective, system available.

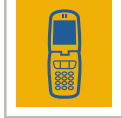
Delivering rich functionality over a dedicated wireless network

Unified, scalable architecture of the Inter-Tel wireless platform can grow with your business. Components are easily configured for future needs. The Master Control Unit (MCU) is a modular unit that connects the communication platform using digital interfaces to allow for proprietary emulation of the display set.

Base Stations are fixed transceivers that provide radio coverage throughout the workplace. They are small and lightweight, and can be installed inconspicuously in a variety of locations. SpectraLink's superior radio performance eliminates "dead-spots" – areas of poor coverage – by providing overlap between Base Station Areas.

Commercial enterprises use premise wireless to improve productivity, responsiveness and customer service. Excellent voice quality, durable handsets and the scalable architecture make Inter-Tel wireless the right choice for enterprise wireless communication.





Mobility Solutions for Enterprise



Model 8524/8525

The 8524/8525 endpoints are compact, durable, industrial grade wireless handsets that meet the most demanding environmental requirements – serving the unique needs of customers in manufacturing, distribution, warehouse, automotive, retail and more. These feature rich handsets include a high-resolution graphic display, menu-driven functions and messaging capabilities.

- 4 hours of talk time
- 80 hours of standby
- Backlit dot-matrix display
- Display icons and line-status indicators
- 12 month standard warranty
- Text messaging
- Audible ringer (8524)
- Audible and vibrating ringer (8525)
- Compact design (5.9" x 2.2" x 1.0", 6 ounces)

Model 8526

The 8526 wireless endpoint combines innovative design with advanced manufacturing and test processes to ensure handset durability. The monolithic design has no moving parts or external antennae, so there is nothing to break or come loose, and can be operated with only one hand. The 8526 endpoint integrates seamlessly with the Inter-Tel Axxess system to provide advanced calling features throughout the workplace.

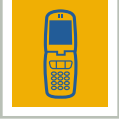
- Backlit keypad for 24-hour operation in low-light environments
- 4 hours of talk time
- 80 hours of standby
- 12 month standard warranty
- Display icons and line-status indicators
- Text messaging
- 5 user-selectable ringing modes, combining standard, quiet and vibrate
- Compact design (5.9" x 2.2" x 1.0", 6 ounces)
- Water resistant warranty optional



Mobility for workers in a broad range of industries

- Increase efficiency and productivity in offices by accessing mission-critical information and calls when you are away from your desk
- Offer faster, more accurate order processing in distribution centers by keeping personnel connected in real-time, not delayed by paging and playing phone tag
- Improve patient care for health care professions with immediate access to colleagues
- Connect your facilities, security, and administrative and support staff
- Offer a higher level of service in the hospitality industry by keeping your mobile staff – catering, housekeeping, and engineering and support staff – connected throughout the property
- Create a better, safer learning environment in education, giving communication access to educators, administrators and resource offices across your campus
- Decrease production delays in manufacturing by connecting mobile supervisors, to staff, customer, vendors and maintenance personnel
- Boost the bottom line in retail by increasing customer care, wherever your managers and staff are in your facility





Wireless Industrial Telephone Systems

Wireless Telephone

Radio frequency	902 - 928 MHz
FCC certification	Part 15.247
Transmit power	100 mW peak, 12.5 mW average
Transmission type	Frequency hopping spread spectrum
Dimensions	5.9" L x 2.2" W x 1.0" D (15 cm L x 5.5 cm W x 2.5 cm D)
Weight	6.0 ounces (170 grams)
Display	2 x 16 character alphanumeric, plus line and status indicators. Backlit display option available
Keypad	Standard or Backlit Keypad Option
Ringing Modes	5 user-selectable ringing, combining the standard, quiet and vibrating ringers.
Battery capacity	4 hrs. talk, 80 hrs. standby

Base Station

Radio frequency	902 - 928 MHz
FCC certification	Part 15.247
Transmit power	100 mW peak, 50 mW average
Transmission type	Frequency hopping spread spectrum
Dimensions	8.8" L x 5.4" W x 1.5" H (22cm L x 14cm W x 3.8cm H)
Weight	1.5 lbs. (0.68Kg)
Mounting	Ceiling or wall mount
Channelization	Four TDMA channels
Cable connection	RJ-45 8-pin modular
Operating temperature	Standard: 32° to 104° F (0° to 40° C) Outdoor: -4° to 122° F (-20° to 50° C)

Master Control Unit

System capacity	3,200 Wireless Telephones 1,000 Base Stations 1,600 simultaneous calls
Area coverage	Up to 100 million sq. feet, (9.3 million sq. meters) depending on environment
PBX interface	RJ-21 25-pair connector
Power	-48 VDC
Base Station interface	High-speed digital
Cable type	22/24 AWG, 2-pair
Cable length	6,000 feet, maximum (1829 meters)
Dimensions	9.0" D x 19.0" W x 15.0" H (23 cm D x 48 cm W x 38 cm H)(single shelf)
Weight	33 lbs., maximum (15kg) (single shelf)
Administration	IBM-compatible PC
Special configurations	High-density environments Multi-site networking

Link 3000

Link 150

System capacity	64 Wireless Telephones 16 Base Stations 32 simultaneous calls
Area coverage	Up to 1,500,000 sq. feet, (139,000 million sq. meters) depending on environment
PBX interface	RJ-21 25-pair connector
Power	120 VAC
Base Station interface	High-speed digital
Cable type	22/24 AWG, 2-pair minimum
Cable length	2,200 feet, maximum (670 meters)
Dimensions	7.0" D x 3.0" W x 13.0" H (18 cm D x 7.6 cm W x 33 cm H) (single MCU)
Weight	5 lbs., maximum (2.3kg)
Administration	Front panel
Special configurations	Rack mountable



Specifications subject to change without notice.



Inter-Tel CommSource®

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