


**U9921-GUV: Universal Gateway**

## DESCRIPTION

The Series 9900 Wireless Intercom System is the perfect solution for wireless intercom communications in demanding environments, such as fire/rescue apparatus, EMS vehicles, Command and Control vehicles, well-fracturing vans, paint strippers, or any application requiring robust, reliable and secure communications in and around high-noise areas.

The U9921-GUV Universal Gateway is designed specifically for seamless integration with an existing DCCI or other OEM wired intercom system. It acts as a relay for all radio and intercom audio between multiple Wireless Belt Station/Headset users and the wired system.

A single Gateway can accommodate up to four (4) connected wireless users at a time with hands-free, full-duplex intercom and radio transmit/receive. An additional Gateway is required if more than four active wireless users are required.

With its marine-grade, RF shielded, water-tight design, superb range and unsurpassed audio clarity, the U9921-GUV is the ideal answer to the problems associated with the typical wired intercom system limitations.

## FEATURES AND BENEFITS

- Hands-free, full-duplex, voice-activated (VOX) intercom communication
- DECT 6.0 based technology, provides secure signaling, prevents unwanted interception and/or cross talk with other systems or work groups
- Accommodates up to 4 wireless belt stations simultaneously connected with audio
- Simple, versatile mounting bracket included for ceiling or panel-mounted installation
- Controls include a link button for close-proximity linking, system volume controls for proper overall system gain setting
- Multiple radio connection achieved through connection to an M-RIM (Multiple Radio Input Module) via wired system
- Compatible with most HF, UHF and VHF radios via wired system
- Marine-grade, water-tight, impact-resistant enclosure for rugged durability and reliability
- Easy, seamless integration to existing systems
- Multiple Gateways able to function within same RF vicinity with no cross-talk
- Whip and remote antennae options to ensure maximum performance (1 whip antenna included)

## TECHNICAL DATA

<b>Weight</b>	5.9oz/167g (without bracket)
<b>Frequency</b>	1920 MHz - 1930 MHz
<b>Average Power Output</b>	4mW (100mW peak)
<b>Range</b>	100m (300') line-of-sight, typical
<b>Carriers</b>	5 each (1,728 kHz spacing)
<b>Time Slots</b>	2 x 12 (up and down stream)
<b>Operating Temp.</b>	-10°C to +45°C
<b>Storage Temp.</b>	-20°C to +60°C
<b>3100 Connection</b>	C99-20MS Cable
<b>3400 Connection</b>	C99-20MS Cable
<b>3800 Connection</b>	C99-22MS Cable
<b>9500 Connection</b>	C99-20LL Cable
<b>9800 Connection</b>	C99-20CX Cable
<b>Antenna Connection</b>	via SMA coax connector
<b>Dimensions</b>	3-7/16"H x 3-7/16"W x 2-3/4"D