

**FreeWave Technologies Adds to Industry-Leading Wireless Radio Platform with New 900 MHz Radio**  
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**FREEWAVE TECHNOLOGIES ADDS TO INDUSTRY-LEADING WIRELESS RADIO PLATFORM WITH NEW 900 MHZ RADIO**

*Newest family of radios offers customers next generation of its popular FGR Series with the same proven performance and reliability at lower cost*

ENTELEC 2009 Booth # 520, April 27, 2009 — FreeWave Technologies, (<http://www.freewave.com>), manufacturer of the most reliable, high-performance spread spectrum and licensed radios for critical data transmission, today announced the FGR2 900 MHz Industrial Radio at ENTELEC 2009. FreeWave is featuring the FGR2 family at the conference with the demonstration entitled: “Listen to the FreeWave Difference” to show how the FGR2 provides superior noise filtering and interference handling.

The new product offers customers the next generation of the company’s popular FGR Series with the same high performance and reliability at a lower cost. Once again, FreeWave proves its commitment to customer success by providing the FGR2 that is fully backwards-compatible with the earlier FGR Series of radios and is capable of accurately transmitting data up to 60 miles with the lowest power consumption in the industry.

“Many of our customers have requested a high performance, 900 MHz radio that provides superior features, such as outstanding noise filtering and low power consumption while preserving existing investments by providing backwards compatibility to earlier models that are still going strong in the field,” explained Colin Lippincott, director of marketing at FreeWave. “The FRG2 illustrates our unrelenting commitment to customer satisfaction and to developing innovative radio technologies that lead the market.”

The FGR2 is offered as both a board level product and in an enclosure. It features a 6 to 30 VDC operating voltage, multiple interface options and a temperature range from -40 degrees Celsius to +75 degrees Celsius. The FGR2 continues the tradition of allowing FreeWave customers to incorporate wireless communications into a wide variety of applications, including oil and gas, utilities, golf carts, water systems and more.

Additional features of the FGR2 900 MHz Industrial Radio include:

- Improved low signal performance – RISC-based signal demodulation with matched filter.
- Long range – 60 mile range with clear line of sight and the ability to extend that through store and forward repeaters.
- Versatile – a single radio can operate as a master, slave, repeater or slave/repeater.
- UL Class 1, Division 2 approved.
- Unparalleled signal performance – technology built in for filtering that has unmatched combination of overload immunity and sensitivity.
- Selectable speeds – 115.2 kbps and 153.6 kbps.
- Secure – proprietary spread spectrum technology prevents detection and unauthorized access; 256 bit AES encryption available.
- Industry-leading, money-saving low power consumption.
- Backward compatible with FGR & DGR Series FreeWave radios.
- Supported by FreeWave's new network diagnostics and radio configuration software called FreeWave Tools Suite.

The FGR2 is available for immediate shipment. Additional information, including detailed specifications, is available online here: <http://www.freewave.com/products/product-235.html>, or by contacting the company at 800-548-5616.

### **About FreeWave Technologies**

Founded in 1993, FreeWave Technologies manufactures the most reliable, high performing, lowest power consumption, license-free and licensed radios for mission-critical data transmission. Through engineering excellence and a relentless commitment to best-in-class manufacturing, FreeWave customers enjoy superior radio up-time, transmission reach and the lowest cost of ownership available. Based in Boulder, Colorado, FreeWave designs and manufactures radios that are the leading choice for oil and gas, utility, military and numerous other industrial applications. Organizations that count on radio data communications for operational success – where failure and down-time are not an option – trust FreeWave for custom network design, system engineering and customer support that is unparalleled in the

market. For additional information, contact FreeWave directly at 866.399.4930 or at [newsinfo@freewave.com](mailto:newsinfo@freewave.com). Visit the company's website at [www.freewave.com](http://www.freewave.com).

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