

## **FREEWAVE EXPANDS FAMILY OF SMALL FORM FACTOR, LIGHT WEIGHT MM2 RADIOS WITH NEW HIGH SPEED OPTION FOR MILITARY APPLICATIONS**

*New embedded technologies offer military OEMs even greater speed and throughput for mission-critical, life or death situations*

AUVSI BOOTH # 109, Wash. D.C., Aug. 10, 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 it has expanded its industry-leading family of MM2 radios with the addition of two high-speed versions: the MM2-HS-T (TTL interface) and MM2-HS-P (Ethernet interface).

FreeWave's MM2-HS-T and MM2-HS-P add high-speed capability and greater throughput to the already great features of its MM2-T which offers selectable speeds of 115.2 to 153.6 Kbps. The MM2-HS-T and the MM2-HS-P are capable of an over-the-air speed of 1.23 Mbps allowing users to send significantly more data in a shorter period of time. The MM2-HS-T is ideal for embedded applications that require high data rates, such as video and long distances in the same mini (2-inch high x 1.4-inch wide) footprint. The MM2-HS-P is slightly larger, but still very compact in size.

“By offering an entire family of MM2 radios, we are giving our customers options to meet their various applications for embedded technology solutions,” said Ken Granader, vice president of sales at FreeWave. “We made a high-speed version of the MM2-T because there are many applications within industry, government, and military where it's necessary to transmit large amounts of data, including multiple hi-res images and video along with data.”

The entire family of MM2 radios at FreeWave offers a variety of features that cannot be found anywhere else in the market. Key features of the MM2-HS-T and MM2-HS-P include:

- ✓ Tiny footprint – the MM2-HS-T offers the same miniature dimensions as the MM2-T (50.8 x 36 x 9.6 millimeters with a weight of 14 grams). The MM2-HS-P comes in the compact dimensions of 101 x 51 x 13 millimeters with a weight of 42 grams.

- ✓ Unequaled low signal performance – RISC-based signal demodulation with matched filter. Sensitivity is specified and guaranteed.
- ✓ Unparalleled signal performance – the GaAs FET RF front end with multi-stage surface-acoustic-wave (SAW) filters has an unmatched combination of overload immunity and sensitivity. Selectivity is specified and guaranteed.
- ✓ Industrial grade high-speed Ethernet (only in the MM2 HS-P) – supports TCP, industrial grade wireless security and serial communications, all in one package.
- ✓ Versatile – can be used in a security network as a master, slave, repeater or master/slave unit depending upon its programming.
- ✓ High noise immunity – offers superior performance in noise-congested environments.
- ✓ Secure – FreeWave’s proprietary spread spectrum technology prevents detection and unauthorized access; 256-bit AES encryption available.
- ✓ Reliable – 100 percent tested for RF performance from -40 degrees Celsius to +85 degrees Celsius.

Availability:

The MM2-HS-T and MM2-HS-P will be available for shipment beginning in August. Pricing varies, depending upon OEM configuration. To find out more information about the MM2 family of radios, please visit: <http://www.freewave.com/products/category-51.html>

**About FreeWave Technologies**

Founded in 1993, FreeWave Technologies manufactures the most reliable, high performing, lowest power consumption, spread spectrum 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, range 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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