

## **Robust and Reliable Wireless Ethernet Solution for IP Video Surveillance**

*Maximum legal radiated power for maximum range and interference penetration*

**Huntsville, AL.,** May 19<sup>th</sup>, 2011 – [AvaLAN Wireless](http://www.avalanwireless.com) Systems, Inc., providers of outdoor long range industrial wireless Ethernet products, announced this week a set of 5.8 GHz long range wireless Ethernet solutions. This new product line allows you to build line-of-sight, point-to-multipoint wireless Ethernet connections that link “fringe” IP devices such as video surveillance cameras or other devices needing robust and secure high data rates. The radios are packaged in rugged and weatherproof die cast aluminum enclosures and are available in both directional and omnidirectional antenna configurations. The 5.8 GHz unlicensed band allows a maximum of 4 Watts EIRP in point-to-multipoint configurations for maximum range and interference penetration. The directional flat panel antenna version provides 23 dBi gain and is intended to serve as a subscriber unit. The omnidirectional unit provides 9 dBi gain in the horizontal plane and is designed to serve as the common access point. The flat panel antenna radios are also available as a pre-configured matched pair bridge (AW5800HTP-PAIR) for point-to-point fixed connections. This new long range 5.8 GHz wireless Ethernet solution is designed for applications that require higher data rates up to 5 Mbps and is ideally positioned to support IP-based megapixel surveillance cameras.

“This new line of high speed, industrial wireless Ethernet products has been specifically designed to meet the needs of security integrators and dealers who need a wireless multipoint solution for transport of wireless video and data.” said Matt Nelson, CEO and President of AvaLAN Wireless.

AvaLAN is continuing their market leadership position in providing robust and reliable wireless solutions for security applications, access control, industrial automation, remote sensing and remote control markets. AvaLAN products are an ideal replacement for installations where WiFi systems are under-performing or failing completely due to insufficient range, excessive interference or unsatisfactory reliability. AvaLAN’s products offer the ideal combination of price, range, data rate, security, interference avoidance, quality-of-service, and a simple plug and play set up with minimal user programming required. No other company can match the price-performance characteristics of AvaLAN's products.

The new AW5800HTA (access point) 5.8 GHz Outdoor 5 Mbps Wireless Ethernet Radio is now shipping and available with a manufacturer's suggested retail price of \$1399 USD. The new AW5800HTS (subscriber unit) 5.8 GHz Outdoor 5 Mbps Wireless Ethernet Radio is also now shipping and available with a manufacturer's suggested retail price of \$1399 USD.



### **About AvaLAN Wireless Systems, Inc.**

Founded in the heart of California’s high-tech Silicon Valley in 2004, AvaLAN Wireless (“AvaLAN”) is an industry leading developer and manufacturer of long range industrial wireless radio technology. AvaLAN’s products are designed to enable affordable wireless connections in perimeter or remote locations. Specializing in the unlicensed 900MHz, 2.4GHz, 4.9GHz and 5.8GHz radio spectra, AvaLAN offers a number of Ethernet bridge products and point-to-multipoint wireless networking products. AvaLAN Wireless Systems, Inc. is headquartered near Huntsville, Alabama and can be contacted at 866-533-6216, by email at [info@avalanwireless.com](mailto:info@avalanwireless.com), or by visiting [www.avalanwireless.com](http://www.avalanwireless.com).