Hottest Wi-Fi Video Distribution Products at International CES 2012

Quantenna Communications announced it will showcase its industry-leading 802.11n MIMO technology optimized for service providers and 802.11ac chipset for retail applications at next week's International Consumer Electronics Show (CES) January 10-12 in Las Vegas. The latest high performance wireless set-top boxes, residential gateways video bridges, and other devices that deliver highly reliable broadband multimedia video and data services over Wi-Fi anywhere in the home will be featured.

Quantenna's 802.11n 4x4 MIMO technology delivers unmatched reliability and performance over Wi-Fi to distribute applications where quality matters such as IPTV or 3D HD signals (40 Mbps) anywhere in the home without a loss of video quality, at more than 200 feet, including through concrete walls. Many leading service providers and retail manufacturers at CES will demonstrating devices that deliver superior Wi-Fi video performance using Quantenna's 802.11n, 4x4MIMO technology.

"Whether it's streaming HD video anywhere in the home or need for more bandwidth, service providers and retail manufacturers have one thing in common, they are choosing Quantenna's superior Wi-Fi technology to enable multimedia entertainment in the home," said Dr. Sam Heidari, chief executive officer for Quantenna. "Streaming and sharing HD content anywhere in the home wirelessly across multiple devices is driving consumers' desire for reliable and high performance Wi-Fi connectivity. No other company is as well positioned as Quantenna -- our unmatched 4x4 MIMO technology on display at CES will showcase this performance."

Recently named an International CES Innovations 2012 Design and Engineering Awards winner in the Enabling Technologies category, Quantenna's QHS710 chipset enables the convergence of TV and multimedia to deliver IPTV services with wire-like quality and reliability.

Quantenna's third-generation chipset fully supports the IEEE802.11n standard with advanced features including 4x4 Multiple Input Multiple Output (MIMO), dynamic digital beamforming, mesh networking and wireless channel monitoring and optimizing. Quantenna's chipset is the industry's only commercially available, carrier-grade 4x4 MIMO 802.11n solution capable of distributing multiple high-definition (HD) video streams to TVs and displays anywhere in the home at full, 1080p resolution. It is designed to help enable a new generation of converged broadcast and Internet-based entertainment services that require an ultra-reliable, high-performance Wi-Fi connection in any size home.

The world's first 802.11ac QAC2300 chipset solution and reference design will also be on display. The QAC2300 two-chip solution includes a new 4x4 MIMO digital baseband chip that supports the latest 802.11ac specifications, combined with Quantenna's shipping radio frequency (RF) chip, which already supports 802.11ac.

Visit Quantenna at CES International 2012

For additional information, please visit www.quantenna.com [1].

Posted by Janine E. Mooney, Editor

January 9, 2012

Source URL (retrieved on *04/18/2015 - 9:35am*):
http://www.wirelessdesignmag.com/news/2012/01/hottest-wi-fi-video-distribution-products-international-ces-2012?qt-digital_editions=0

Links:
[1] http://www.quantenna.com