

60GHz Consumer Technologies — WiGig & WirelessHD Go Head to Head

Description: 60GHz wireless technology has been around for a number of years, but up until recently has remained a niche area outside of the purview of the average consumer. Some 60GHz wireless protocols have been developed in recent years to introduce the consumer to gigabit level data transfers over a wireless signal. WirelessHD has enjoyed a head start over WiGig, having been shipping in devices since 2010, but has failed to enjoy support from top-tier electronics manufacturers. WiGig entered the market in late 2012, looking to better appeal to consumers by including features such as Wi-Fi failover compatibility and the ability to do basic networking with WiGig. These additional features, in addition to support from a multitude of silicon providers for WiGig, and WirelessHD's recently announced mobile chipsets will make 2013 a year where both standards go head to head for the hearts and minds of consumers.

Included in this report is an in depth analysis of the applications driving adoption of WirelessHD and WiGig. This report also looks at 14 different markets from smartphones to docking stations examining the number of devices shipping with WirelessHD and WiGig from 2012 to 2017. A forecast of the value of the WiGig market from 2012 to 2017 is also included.

Methodology

The information contained in this report comes from both primary and secondary sources. Primary research was conducted through direct interviews, over the phone, or via email, with WiGig chipset manufacturers and various device makers. Interviews were conducted during the third quarter of 2012. Companies briefed for the report included Wilocity, Peraso Technologies, Tensorcom, Nitero, Broadcom, Qualcomm Atheros, Netgear, D-Link, the Wi-Fi Alliance, and the Wireless Gigabit Alliance. Secondary research consisted of background research about WiGig chipsets, standards, and devices, including magazines, journals, trade publications and web searches in the fourth quarter of 2012, as well as analysis of previous reports and consultation with other MRG analysts.

MRG calculated revenue by multiplying chipset ASPs by unit shipments. ASPs are calculated by accounting for the type and technology present in a typical WiGig chipset on a market level. For example, the average router uses a different and more expensive chipset than what a typical tablet might utilize.

The deliverable is comprised of a PDF and accompanying Excel data sheet.

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	Kiosks
	Peer-to-Peer File Transfers
	Wireless Mirroring
	HDMI Cable Replacement
	Basic Networking
	WirelessHD
	WiGig
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Digital Televisions

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