

WiSA E Software Embedded on an Amlogic SoC Transforms the Audio Experience for Android OTT/IP Streaming Set-Top Box Market

Embedded application follows on the news of first global HDTV brand licensing WiSA E software for TV application

BEAVERTON, Ore.--(BUSINESS WIRE)-- [WiSA Technologies, Inc.](#) (NASDAQ: WISA), a leading innovator in wireless audio technology for intelligent devices and next-generation home entertainment systems, announces the integration of WiSA E software technology onto the Amlogic S905X4 application processor. This advanced design is tailored for Android hybrid OTT/IP set-top box and high-end media box applications, enabling immersive multichannel audio, and marking a significant departure from costly separate components while expanding accessibility for wireless audio connectivity to the mass market.

The Amlogic S905X4 represents a significant milestone in audio SoCs (system on a chip), as it enables simultaneous video and audio decoding while seamlessly supporting external applications running in the background. This revolutionary advancement, combined with operating systems like Android which ensure perfect synchronization of video and audio, provides consumers with a flexible and highly integrated audio experience.

Systems that embed WiSA E software are also able to take advantage of WiSA Connect, a pivotal part of the product solution. WiSA Connect offers a common API interface with low overhead to any SoC, enabling flexibility in scaling and forming an integral part of delivering an interoperable ecosystem for TVs, Set-Top Boxes, Mobile devices, and WiSA E-enabled speakers.

WiSA E, with its robust capabilities over Wi-Fi, surpasses Bluetooth and other wireless protocols in various aspects:

1. **Intelligence with WiSA Connect:** Unlike Bluetooth, WiSA E includes intelligence in the form of "WiSA Connect," a server that manages the network on the local SoC/OS over standard Wi-Fi, significantly reducing integration costs.
2. **Multichannel Solution:** While Bluetooth is limited to stereo on Android, WiSA E offers a multichannel solution.
3. **Simplified User Experience:** WiSA E simplifies the user experience, allowing WiSA E speakers to play audio from different Android devices and switch instantly with a push of a button.
4. **Robustness and Scalability:** WiSA E operates in the 2.4GHz or 5GHz spectrum and can easily scale with the latest Wi-Fi standards/SoCs to 6GHz and beyond, providing better robustness with more audio channels.
5. **Cable-Free Convenience:** WiSA E eliminates the need for unsightly HDMI or optical

cables, particularly beneficial when TVs are wall-mounted.

6. **Future-Proof Technology:** WiSA E is designed to evolve with advancements in audio technology. This futureproofing ensures that users can enjoy the benefits of the latest audio innovations without needing to replace their entire audio system.

"The key to this revolutionary audio experience lies in WiSA E's ability to adapt, connect, and deliver exceptional sound quality in the world of wireless audio," said Tony Parker, VP of Technical Marketing and Strategy. "Imagine the versatility of listening to your TV/STB WiSA E speakers then instantly being able to change audio sources to your Android phone for a video call or YouTube video. This is the kind of versatility that consumers are demanding."

The global Android TV box market size represents a fast-growing segment of the home entertainment market. Business Research Insights shows the market size in 2021 at \$5.3 billion and projects the market to grow to \$44.7 billion by 2031, representing a CAGR of 23.7% for the forecast period.

WiSA E Demonstration at CES 2024

WiSA Technologies will showcase a 5.1 wireless embedded audio software solution at CES 2024. For more information about CES or the embedded Amlogic solution, contact Tony Parker, VP of Technical Marketing and Strategy at tparker@wisatechnologies.com.

About WiSA Technologies, Inc.

WiSA Technologies, Inc. (NASDAQ: WISA) is a leading provider of immersive, wireless sound technology for intelligent devices and next-generation home entertainment systems. Working with leading CE brands and manufacturers such as Harman International, a division of Samsung; LG; Hisense; TCL; Bang & Olufsen; Platin Audio; and others, the company delivers immersive wireless sound experiences for high-definition content, including movies and video, music, sports, gaming/esports, and more. WiSA Technologies, Inc. is a founding member of WiSA™ (the Wireless Speaker and Audio Association) whose mission is to define wireless audio interoperability standards as well as work with leading consumer electronics companies, technology providers, retailers, and ecosystem partners to evangelize and market spatial audio technologies driven by WiSA Technologies, Inc. The company is headquartered in Beaverton, OR with sales teams in Taiwan, China, Japan, Korea, and California.

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