Key Digital LeCAMbio Conferencing Systems Automate Voice-tracking of Conference Audio and Video

Key Digital (booth W1337) is displaying its LeCAMbio Conferencing Systems, a line of integrated corporate conferencing solutions for small- to medium-sized rooms developed in partnership with TOA Electronics (booth W3217). During InfoComm, both companies are demonstrating how LeCAMbio systems link the microphone beam-steering technology in a separately purchased TOA LENUBIO soundbar with Key Digital’s PTZ camera to automatically deliver simultaneous voice and camera tracking of conference presenters, improving conference focus.

Four different LeCAMbio systems are available, offering a range of solutions to meet the needs of a variety of conference room sizes. Each include the Key Digital [KD-CAMUSB](https://keydigital.org/category/presentation-solutions-accessories/KD-CAMUSB) PTZ camera with auto-control of camera tracking based on the voice-tracking capabilities of TOA’s proprietary [LENUBIO AM-CF1](https://www.toaelectronicsusa.com/lenubio.html), which houses a seven-microphone array in a soundbar with powered stereo speakers. Key Digital’s KD-CX800 Control Interface is the final core hardware component, allowing IR and RS232 system control via IP. Connectivity to a host computer is handled with a single USB connection. Systems for larger rooms offer signal extension and presentation switching solutions from Key Digital.

The systems provide 1080p full HD video with up to 10X optical zoom via the KD-CAMUSB, with audio captured via the AM-CF-1’s microphone array, which performs automatic beam-steering to focus on a speaker’s voice. In LeCAMbio systems, the soundbar’s voice-tracking information is converted to camera PTZ information, thus providing both voice and camera steering to an active participant.

Key Digital LeCAMbio systems are now shipping from stock.

Photo File 1: Key-Digital\_LeCAMbio.png

Photo Caption 1: Key Digital’s LeCAMbio Conferencing Systems integrate with a TOA LENUBIO AM-CF1 soundbar to deliver automatic voice and camera tracking of conference presenters