Video Conferencing Soundbar
Reference product design

Experience
Flex has over $1 billion in revenue with world class audio/video brands, across a variety of products.

Expertise
With a global footprint in audio/video design, large scale manufacturing, agile supply chain and end-to-end logistics, Flex has the scale and expertise to provide the audio/video solutions customers need.

Benefits
Flex’s conferencing soundbar reference design allows OEMs to customize smart soundbar products for video conferencing applications with accelerated time to market and reduced upfront investment.

Video Conferencing
- Designed to support Android-based video conferencing ecosystems
- Facial recognition and tracking
- 4K camera (can support up to three cameras) with FoV Horizontal: 124°, Vertical: 104°
- Image distortion correction (including stitching)
- Mono and stereo operation

Audio Capabilities
- Beamforming (far-field, up to 6 DMICs, could be extended with 6 AMICs more)
- Speaker face tracking and zooming
- Far-field processing
- Voice service capable
- Two L/R speakers (30W each), with additional mono PA (100W) for center speaker
- Echo cancellation and noise reduction
- Low latency
- Wideband sound output (150Hz/10KHz)

Technical Specifications
- Qualcomm QCS605 Snapdragon
- WiFi 802.11 A/B/G/N/AC Wave-2 2x2 MIMO
- Bluetooth 5.0
- 4GB DDR4
- 16GB eMMC
- 1Gigabit-Ethernet
- USB Type-C with DP
- HDMI in (2.0 @ 4K/60Hz)
- HDMI Out (1.4 @ 4K/30Hz)
- Dimensions: 11.5 X 11.5 X 48 cm
- Input VDC: +24V
- Temperature range of 0C° to 70C°

For more information, visit flex.com.
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