



Li Creative
Technologies, Inc.

Top Performance Technology for Licencing

Far-Field Microphone Array For IP Security Camera



Headquarters

Li Creative
Technologies, Inc.
23 Vreeland Road
Suite 115
Florham Park
NJ 07932
USA

Technologies:

- Far field microphone
- Dual microphone array
- Adaptive beam forming
- Noise reduction
- Noise cancellation
- Speech enhancement
- Acoustic echo cancellation

Applications:

- Security camera to capture both video and audio
- IP/Web Camera
- Video Camera
- Speakerphone

Product Demos

www.licreative.com/demos

Introduction

Li Creative Technologies (LcT) has developed a far-field, dual microphone array for security and surveillance cameras. Our solution utilizes advanced and patented digital signal processing algorithms to suppress background noise while enhancing the speech signal. The microphone array can capture far-field sound from at least 8 meters away with good sound quality. This is an ideal solution for integrating audio into any IP camera.

Technical Description

LcT's solution utilizes advanced audio signal processing technologies, including adaptive beam forming, acoustic echo cancellation, noise cancellation, and noise reduction. We will integrate a two-sensor microphone array into our customer's camera.

Sales and Licensing

LcT provides three product solutions: (1) embedded software only; (2) PCB module with pre-installed software; (3) device with USB or standard audio interface. LcT can optimize the overall product performance and provide technical support in acoustic, hardware, firmware, and software. LcT can also provide acoustic design guidance and reference circuits. Since LcT's engineers are experienced working with a variety of platforms, the implementation will be fast and the new system will have the same performance as our demos and prototype systems.

Our Company

Li Creative Technologies (LcT), Inc., located in Florham Park, New Jersey, USA, is an innovator in audio, speech, and biometric solutions. Established in 2002 by former Bell Labs scientists, LcT licenses and sells technology, software, design, and product solutions to the mobile, communications, e-commerce, healthcare, video conference, and transportation industries. LcT is a winner of the 2011 CES Innovations Design and Engineering Award.

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Patent Pending

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