Invensense showcases breakthrough Motionprocessing? Solutions at CES 2011

Medical Design Technology

InvenSense, Inc., the leading solution provider of MotionProcessors for consumer electronics, is showcasing its new MPU-6000 product family and MPL 3.2 software in the InvenSense Meeting room #MP25370 in South Hall 2 at the 2011 International Consumer Electronics Show in Las Vegas, Nevada from January 6th through the 9th 2011. MotionProcessing technology is becoming the enabler of differentiating features in consumer electronic devices including portable and consol gaming, smart phones, tablets, televisions, and many other consumer electronic products, facilitating applications such as precise sensing of hand jitter to improve image quality and video stability, GPS dead reckoning for vehicles, indoor pedestrian navigation, motion-based user interfaces, augmented reality, internet-connected TV remotes, and more immersive gaming experiences.

The MPU-6000 is the world’s first 6-axis motion processor and a breakthrough in MEMS motion sensing technology with the integration of a 3-axis gyroscope and a 3-axis accelerometer on the same silicon die together with an onboard Digital Motion Processor™ (DMP) capable of processing complex 9-axis sensor fusion algorithms. InvenSense will be demonstrating a full suite of Motion Processing solutions including:

- World’s Smallest RF 9-Axis Sensor Module: A small, battery powered, wireless module enabled by InvenSense MPU-6000 and integrated with a 3-axis compass sensor and Bluetooth chip will be used to demonstrate health and gaming applications and new usage modalities. Health and fitness information is seamlessly communicated with smart phones in either data streaming or playback modes. Additionally, modern 1:1 motion tracking adds dynamism to legacy PC games for enhanced game play and enjoyment.
- TV Remote Control: Effortlessly navigate the web and large media libraries with the flick of the wrist using motion and gesture navigation. Increase monetization of services by improving user search experiences and increasing click through. Speed through data entry with revolutionary motion-based text entry that eliminates hunt and peck.
- Pedestrian Navigation enabled Handsets: View the potential for indoor pedestrian navigation using PointInside map technology and the InvenSense 9-axis MotionProcessing solution.
- MotionProcessing on Android Gingerbread Platform: Experience panoramic viewing where the scene changes as you move the screen, view the latest Augmented Reality and motion user interface demos running on Gingerbread’s new sensor fusion Application Programming Interfaces (APIs) using InvenSense Motion Processing Library.

Produced by CEA, the 2011 International Consumer Electronics Show is the world's largest consumer technology tradeshow. Please visit the InvenSense meeting room #MP25370 in South Hall 2. For press and partner meetings with InvenSense at the show, contact dalmoslino@invensense.com. For more information and product images, please visit InvenSense online at http://www.invensense.com.

About InvenSense
InvenSense is the leading solution provider of MotionProcessors for the consumer electronics market, with proven technology and cumulative shipments of over 100 million units to leading customers worldwide. The company's patented and patent pending MotionProcessing technology and Nasiri-Fabrication platform address the emerging needs of many mass-market consumer applications such as gaming, image stabilization, remote controls, tablets and smartphones that require improved performance, enhanced features, and new and more intuitive motion and gesture-based user-interface solutions. InvenSense is a privately held company with headquarters located in Sunnyvale, California. More information can be found at http://www.invensense.com.

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