

Development Kit for Wireless Orientation Tracking



Xsens, a Dutch company specialised in 3D motion tracking technology and products, has released a new development kit specifically for system integrators with a need for wireless orientation tracking.

The MTw is highly suitable in markets which require wireless communication, like training and simulation, pedestrian navigation, test and measurement and robotics, explained Marcel van Hak, product manager at Xsens. The MTw technology has been used in Xsens' motion capture solutions for more than 2 years and is proven in a wide range of movement science applications, he added.

The MTw Development Kit Lite contains a highly accurate, small, lightweight and wireless IMU with full AHRS capabilities, providing drift free orientation. It also includes a miniature wireless receiver, mounting tools and Xsens' user-friendly MT software suite, compatible with the MTi product portfolio. The proprietary Xsens wireless communication protocol enables real-time performance with a range of up to 10 metres.

With the addition of the MTw Development Kit Lite, Xsens expands its portfolio of motion tracking solutions. In 2012, Xsens released its 4th-generation MTi-10 and MTi-100 series, including IMU, VRU and AHRS options, as well as the flagship MTi-G-700 GPS/INS.

The Xsens MTw Development Kit Lite will be demonstrated at the Cybermind booth (H122) during ITEC 2013 in Rome, Italy, from 22 to 24 May 2013. Cybermind will also show its VB-56 SXGA Virtual Binocular equipped with an Xsens orientation tracker.

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