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Press Release

u-blox announces LEA-4R dead reckoning GPS module

For immediate release

your position is our focus

FOR IMMEDIATE RELEASE



(A high-resolution picture can be downloaded from http://www.u-blox.com/news/lea_4r.jpg)

u-blox announces LEA-4R dead reckoning GPS module

Thalwil, Switzerland -- April 18, 2007 -- u-blox AG, the leading Swiss provider of GPS receiver technology, today announced the LEA-4R GPS module with built-in dead reckoning technology that will ensure 100% road coverage.

Continuous coverage allows for GPS-enabled applications such as car navigation, emergency vehicle services, asset and vehicle tracking products and road pricing systems, which require accurate, uninterrupted navigation.

"The LEA-4R enables GPS-enabled applications that require non-stop road coverage," said Thomas Nigg, VP Product Marketing at u-blox. "The tiny 17 x 22 mm module has a built-in USB port that eases data transfer by providing connectivity flexibility and bandwidth".

u-blox' dead reckoning technology uses sensors that detect travelled distance and turn rate, supplementing GPS data and thus providing an accurate position in tunnels, indoor parking facilities, roofed logistics centers, urban canyons and any other environment where obstructed GPS signals hinder positioning.

Its built-in Enhanced Kalman Filter algorithm uses a combination of GPS and dead reckoning data that counters the respective disadvantages of each approach. Depending on the quality of the GPS signal and on how well the dead-reckoning sensors are calibrated, the technology uses a weighted mix of both data, generating optimal accuracy and coverage results. The LEA-4R's algorithmic approach also eliminates multi-path effects caused by high-rise buildings, position inaccuracies, and distortions from jamming sources.

Samples will be available in May 2007 from the u-blox online shop: www.u-blox.com/shop/index.html

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About u-blox

u-blox is an international company headquartered in Switzerland, with sales organizations in the Americas, Europe and Asia. Founded in 1997, u-blox develops leading positioning technology, products and services based on Global Navigation Satellite Systems (GNSS), including GPS and Galileo, for the automotive and mobile communications markets. For more information, please visit www.u-blox.com.

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