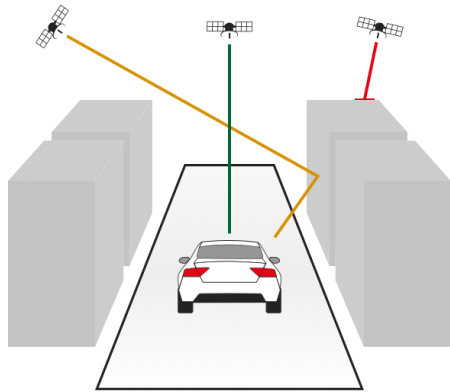




u-blox Untethered Dead Reckoning technology in the smallest form-factor



URBAN SKY VIEW

Thalwil, Switzerland – June 23, 2016 – u-blox (SIX:UBXN), a global leader in wireless and positioning modules and chips, announces availability of its miniature Untethered Dead Reckoning (UDR) receiver EVA-M8E.

Measuring merely 7 mm x 7 mm, the [EVA-M8E](#) is the perfect positioning component for small-sized vehicle trackers. It provides untethered dead-reckoning performance without any electrical connection to the vehicle, using low cost inertial sensors. The EVA-M8E offers continuous positioning even before GNSS signals have been received, improves accuracy when GNSS signals are weak, and enables continuous low-latency positioning at 20 Hz to track highly dynamic events.

The EVA-M8E enables maximum flexibility in end-product design, requiring only a direct connection with the MEMS inertial sensor and SQI Flash memory. It adapts automatically to installations anywhere within a vehicle. It supports very low stand-by current consumption. UDR with adaptive signal strength compensation helps reduce the effects of small antenna and poor installations. This cutting edge technology makes the EVA-M8E ideal for extremely small after-market road-vehicle applications such as usage-based insurance and theft alarms.

Along with all u-blox M8 receivers, the EVA-M8E supports GPS, GLONASS, BeiDou, Galileo, QZSS and SBAS constellations. It further provides superior positioning accuracy in urban canyons, tunnels, and parking garages.

“The EVA-M8E enables innovative products and services for high volume after-market telematics,” says Andrew Miles, Product Manager Dead Reckoning at u-blox. “It also complements the main highlight of the NEO-M8U UDR module, which is ease-of-use.”

The [C93-M8E](#) enables immediate evaluation of the u-blox’s Untethered Dead Reckoning technology in most vehicle applications.

EVA-M8E samples and the C93-M8E are available now. The modules will be in full production in Q4 2016.

More information on [UDR technology](#) is available on u-blox’s website:

- that is exploring the possible business opportunities UDR can enable
- summarizing of the benefits of the technology

For further information please contact your local u-blox sales office: <https://www.u-blox.com/en/about-us/sales-network-offices>