



Press Release

u-blox introduces ultra-compact Wi-Fi module for IoT applications



Thalwil, Switzerland – February 11, 2016 – u-blox (SIX:UBXN), a global leader in wireless and positioning modules and chips, today announced the LILY-W1 single band 802.11n 2.4 GHz Wi-Fi transceiver module. This ultra-compact host-based module, measuring just 10 x 14 mm is suitable for providing Wi-Fi connectivity to an increasingly broad range of industrial and commercial products with LTE connectivity.

LILY-W1 simplifies the integrator's RF design efforts with an integrated antenna and enables Wi-Fi in-device co-existence with LTE thanks to a bulk acoustic wave filter. Suiting today's space constrained designs, the filter

not only ensures that Wi-Fi performance does not deteriorate in proximity of an LTE transceiver, but allows the antennas of both transceivers to be sited close together. The new module also supports Wi-Fi direct.

LILY-W1 connects to the host processor, either through SDIO or USB, and can operate concurrently in Client and Micro Access Point modes. Up to 8 clients can attach when functioning as a Micro Access Point. Royalty free Linux and Android drivers are provided as standard. With its extended temperature range from -40 to +85 degrees C, the module suits the growing need for industrial and commercial equipment to become connected. Typical applications can include telematics control units, drive recorders or OBD readers, as well as logistics or point of sales equipment.

About u-blox

Swiss u-blox (SIX:UBXN) is a global leader in wireless and positioning semiconductors and modules for the automotive, industrial and consumer markets. Our solutions enable people, vehicles and machines to locate their exact position and communicate wirelessly over cellular and short range networks. With a broad portfolio of chips, modules and software solutions, u-blox is uniquely positioned to empower OEMs to develop innovative solutions for the Internet of Things, quickly and cost-effectively. With headquarters in Thalwil, Switzerland, u-blox is globally present with offices in Europe, Asia and the USA.
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