Product summary

EVK-7, EVK-8, EVK-M8

u-blox GNSS evaluation kits

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Highlights

- Easy-to-use
- Extensive visualization and evaluation features
- Support u-blox AssistNow GNSS Online, Offline and Autonomous
- All ports accessible outside
- USB (V2.0 compatible) available for power supply and data transfer

105 × 64 × 26 mm

u-blox GNSS performance in 4 simple steps

Step 1	Download and install u-center evaluation software from **www.u-blox.com/product/u-center**.
Step 2	Connect the evaluation kit to a PC with the USB cable.
Step 3	Connect the antenna.
Step 4	Start u-center.

Product description

EVK-7, EVK-8 and EVK-M8 evaluation kits make evaluating the high performance of u-blox 7, u-blox 8, and u-blox M8 positioning technology simple. The built-in USB interface provides both power supply and high-speed data transfer, and eliminates the need for an external power supply. u-blox 7, u-blox 8, and u-blox M8 evaluation kits are compact, and their user-friendly interface and power supply make them ideally suited for use in laboratories, vehicles and outdoor locations. Furthermore, they can be used with a PDA or a notebook PC, making them the perfect companion through all stages of design-in projects.

Features

- USB for easy connection to a PC
- 14-pin connector to access interface pins and current measurement
- 9-pin D-SUB female connector as standard RS232 interface
- Switch to select between I2C (and RS232) and SPI communications interface
- LED to indicate GNSS operation
- Reset (RST) button to allow restart
- SMA connector for connection to antenna or simulator

u-center GNSS evaluation software

EVK-7 / EVK-8 / EVK-M8 software package includes u-center, which is an interactive tool for configuration, testing, visualization and data analysis of positioning chips and modules. u-center provides useful assistance during all phases of a system integration project.

Kit includes

- Compact 105 x 64 x 26 mm EVK unit
- USB cable
- Antenna with 3 m cable:
  - EVK-7 / EVK-8 kits: Active GPS / GLONASS antenna
  - EVK-M8 kits: Active GPS / Galileo / GLONASS / BeiDou antenna

System requirements

- PC with USB interface
- Operating system: Windows 7 onwards (x86 and x64 versions)
- USB drivers are provided with the EVK-7 / EVK-8 / EVK-M8 software package

Documentation

Visit **www.u-blox.com/product/evk-7** and **www.u-blox.com/product/evk-8evk-m8** to find related documentation.

Product variants

EVK-7P	u-blox 7 Evaluation Kit for PPP, supports NEO-7P
EVK-8N	u-blox 8 Evaluation Kit with TCXO, supports u-blox 8 chip, MAX-8Q, NEO-8Q
EVK-M8N	u-blox M8 Evaluation Kit with TCXO, supports u-blox M8 concurrent GNSS chips, LEA-M8S, MAX-M8Q, MAX-M8W, NEO-M8N, NEO-M8Q
EVK-M8C	u-blox M8 Evaluation Kit with Crystal, supports u-blox M8 concurrent GNSS chips, MAX-M8C, NEO-M8M, NEO-M8J
EVK-M8F	u-blox M8 Evaluation Kit with VCTCXO, supports u-blox M8030-KT-FT chip and LEA-M8F
EVK-M8MEVA	u-blox M8 Evaluation Kit with EVA-M8M-0 (Crystal)
EVK-M8QEVA	u-blox M8 Evaluation Kit with EVA-M8Q (TCXO)
EVK-M8T	u-blox M8 Timing GNSS Evaluation Kit, supports NEO-M8T, LEA-M8T
EVK-M8L	u-blox M8 Evaluation Kit, ADR with on-board sensors, supports NEO-M8L
EVK-M8U	u-blox M8 Evaluation Kit, UDR with on-board sensors, supports NEO-M8U and EVA-M8E

Further information

For contact information, see **www.u-blox.com/contact-u-blox**.

For more product details and ordering information, see the product data sheet.

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