Product Summary

EVK-M91

u-blox M9 GNSS evaluation kit

105 × 64 × 26 mm

Highlights

- Extensive visualization and evaluation of M9 features
- All ports accessible outside
- USB (V2.0 compatible) available for power supply and data transfer

Product description

EVK-M91 Evaluation Kit makes evaluating the high performance of u-blox M9 positioning technology simple (see www.u-blox.com/m9). 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 EVK-M91 Evaluation Kit is compact, and its user-friendly interface and power supply make it ideally suited for use in laboratories, vehicles and outdoor locations. Furthermore, it can be used with a PDA or a notebook PC, making it a perfect companion through all stages of design-in projects.

Kit includes

- Compact 105 x 64 x 26 mm EVK-M91 unit
- Type-C USB cable
- Active GNSS antenna with 3 m cable
- EVK Welcome card

For EVK-M91 Quick start guide, see start.u-blox.com.

u-center GNSS evaluation software

u-center: u-center evaluation software 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.

System requirements

- PC with USB interface
- Operating system: Windows 7 and onwards (x86 and x64 versions)
- The Windows system will automatically search and install the USB driver. (This requires an internet connection when connecting the EVK-M91 Evaluation Kit to the PC for the first time.)

Features

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

Experience 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 EVK-M91 Evaluation Kit to the PC with the USB cable. Microsoft USB driver for Windows 10 will be installed automatically from Windows Update, and the u-blox USB driver for Windows 7 and 8 is available in the u-center installation package.
Step 3	Connect the antenna.
Step 4	Start u-center evaluation tool.

Product variants

EVK-M91	u-blox M9 GNSS Evaluation Kit Supports u-blox UBX-M9140 chips, NEO-M9N module

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

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