Product summary

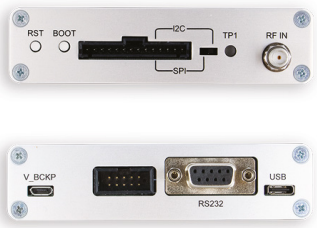
EVK-M9DR

u-blox M9 GNSS dead reckoning evaluation kit

For evaluation of M9 ADR and UDR features

- USB (Type-C connector) available for power supply and data transfer
- Supercap, CR2032 battery, and micro USB port for backup power supply
- 14-pin front connector to access all interfaces

105 × 64 × 26 mm



Experience u-blox GNSS performance in 4 simple steps

Step 1	On a PC with a USB interface, download and install the u-center evaluation software: **www.u-blox.com/product/u-center**
Step 2	Connect the EVK-M9DR to the PC with the USB cable. Microsoft USB driver for Windows 10 installs automatically via Windows Update. 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 the u-center evaluation tool.

Product description

The EVK-M9DR evaluation kit is perfect for evaluation and performance analysis of the u-blox M9 positioning dead reckoning technology. The built-in Type-C USB interface provides both power supply and high-speed data transfer, as well as improved retention force of the connector, which makes the evaluation easier compared to previous EVK generations. EVK-M9DR also includes a supercap, a CR2032 battery holder, and a micro USB port to power V_BCKP in the event of VCC outage, preserving the contents of the battery-backed RAM (BBR) and allowing faster warm/hot starts.

The compact u-blox EVK-M9DR evaluation kit comes in rugged metal housing. The user-friendly interface and V_BCKP power supply option make it ideally suited for use in laboratories, test vehicles (drive testing) and outdoor locations. Used with a PDA or a notebook PC, it is a perfect companion through all design stages of projects.

Kit includes

- EVK-M9DR unit
- Type-C USB cable
- Micro USB cable
- Active GNSS antenna with 3 m cable

Features

- Type-C USB cable for easy connection to PC
- 14-pin connector for access to interface pins
- 9-pin D-SUB female connector for standard RS232 interface
- Switch to select between the I2C (and RS232) and SPI communications interfaces
- LED to indicate power supply and GNSS operation
- Reset (RST) button to restart the unit
- SMA connector for connection to antenna or simulator
- Carrier phase RAW data

Documentation

Visit **www.u-blox.com/product/evk-m9dr** to find related documentation.

Product variants

EVK-M9DR	u-blox M9 GNSS DR evaluation kit supports UBX-M9340-KB, UBX-M9140-KA-DR chips and NEO-M9L, NEO-M9V modules

Further information

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