



Product summary

EVK-M101

u-blox M10 GNSS evaluation kit

Highlights

- Easy-to-use kit including antenna, cabling and software package for evaluation of all u-blox M10 GNSS features
- Rugged housing with pin-header for full access to all I/O ports of the u-blox M10 chip
- On-board power consumption sensors



105 × 64 × 26 mm

Product description

The EVK-M101 evaluation kit is perfect for evaluating the performance of u-blox M10 positioning technology in an easy way. It comes in a rugged metal housing with a compact size of 105 x 64 x 26 mm.

The 14-pin front connector gives access to all chip interface pins and allows current measurements as well. Your application board can connect to the embedded u-blox M10 chip through the SPI or I2C bus.

EVK-M101 comes with u-center PC software for configuration, evaluation and debugging of u-blox GNSS products and services. u-center provides useful assistance during all phases of a system integration project.

The EVK-M101 is powered through the USB interface. A PC running u-center can be connected via the USB or RS232 interface. On-board power consumption sensors allow measurements over time by means of the included u-center GNSS evaluation software.

Kit includes

- EVK-M101
- Type-C USB cable
- Active GNSS L1 band antenna with 3 m cable

Documentation

Visit www.u-blox.com/product/evk-m10 to find related documentation.

System requirements

- PC with USB interface
- Operating systems: Windows 7 onwards (x86 and x64 versions)

Product variants

| | |
|-----------|---|
| EVK-M101 | u-blox M10 GNSS evaluation kit with UBX-M10050-KB chip and TCXO oscillator |
| EVK-M101C | u-blox M10 GNSS evaluation kit with UBX-M10050-KB chip and crystal oscillator |

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