

EVK-6

u-blox 6 evaluation kits

Highlights

- Easy to use
- Extensive visualization and evaluation features
- Supports AssistNow Online and AssistNow Offline A-GPS services
- 1 USB port, 1 UART port
- Power supply and data transfer over USB (USB V2.0 compatible)

Experience u-blox 6 performance in 3 simple steps

- Step 1:** Connect the antenna
- Step 2:** Use the USB cable to connect the Evaluation Kit to a PC
- Step 3:** Install the u-center evaluation software

Kit includes

- Compact 74 x 54 x 24 mm EVK-6 unit
- USB cable
- u-blox ANN-MS active GPS antenna with 5 m cable (EVK-6N includes a GPS/GLONASS antenna with 3m cable)
- CD-ROM containing:
 - o Evaluation software
 - o USB-driver software
 - o Documentation

u-center GPS evaluation software

EVK-6 Evaluation Kits include u-center, an interactive tool for configuration, testing, visualization and data analysis of positioning chips and modules. It provides useful assistance during all phases of a system integration project.

Ordering information

EVK-6H-0	u-blox6 Evaluation Kit with TCXO, Supports u-blox 6 Chips, MAX-6G/Q, NEO-6G/Q, LEA-6H
EVK-6P-0	u-blox6 Evaluation Kit with Crystal, Supports u-blox 6 Chips, NEO-6M, LEA-6A
EVK-6T-0	u-blox6 Evaluation Kit with Precision Timing, Supports u-blox 6 Timing Chips, LEA-6T, NEO-6T
EVK-6V-0	u-blox6 Evaluation Kit with Dead Reckoning SW sensor, Supports u-blox 6 Dead Reckoning Chips, NEO-6V
EVK-6N-0	u-blox6 Evaluation Kit with GPS/GLONASS/QZSS, Supports u-blox 6 GPS/GLONASS/QZSS Chips, LEA-6N
EVK-6PPP-0	u-blox6 Evaluation Kit with Precise Point Positioning, Supports NEO-6P

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Product description

EVK-6 evaluation kits make evaluating the high performance of u-blox6 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-blox6 Evaluation Kits are compact, and their userfriendly 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.

SUB connector pin description

The 9 pin D-SUB female connector is assigned as follows:

Pin	Assignment
1	GPS timepulse output
2	TXD, GPS Transmit Data, serial data to DTE
3	RXD, GPS Receive Data, serial data from DTE
4	GPS ExtInt input
5	GND
6	GPS timepulse output
7-9	not connected

System requirements

- PC with USB interface
- Operating system: Windows 7 / Vista / XP
- USB drivers are provided with the Evaluation Kit CD

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