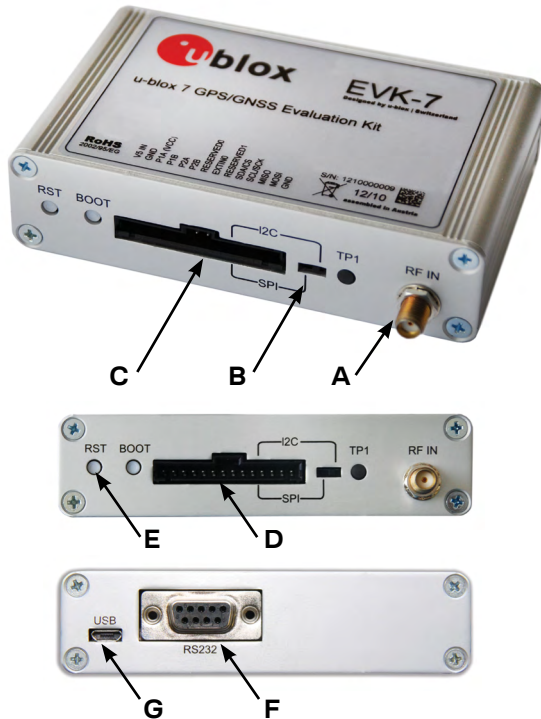


Quick Start for EVK-7 / EVK-8



1. Overview



2. Setup

1. On www.u-blox.com/evk-search, select the EVK from the list. Download and install the u-center software and download documentation as needed. See installation notes on the back of this card.
2. Connect the unit to a PC. Options:
 - USB: Connect via USB port (G). The USB driver installs automatically when the device is connected to a PC; internet connection required.
 - UART: Connect via RS232 (F). Set switch (B) to I2C.
 - SPI / I2C compliant DDC: Connect the pins (C). Set switch (B) to either SPI or I2C.**NOTE:** Press RST (E) after setting switch (B).
3. Provide power to the device at all times, either via USB on the back (G) or the V5 IN pin (D) on the front.
4. Connect the GNSS antenna to the evaluation unit (A) and place the antenna in a location with an unobstructed view of the sky. For best performance, use an active antenna or external LNA (when connecting to a GNSS simulator).
5. Start the u-center GNSS evaluation software and select the corresponding COM port and baud rate.

3. Kit includes

- EVK-7 or EVK-8 unit
- USB cable
- GPS / GLONASS antenna with a 3 m cable

4. Installation

Notes for downloading the EVK-7 / 8 software package and running the installation:

- An Internet connection is required
- Supported Windows operating systems: Windows 7 onwards (x86 and x64 versions)
- Download the u-center evaluation software
- Run the u-center installer executable file and follow the installer instructions
- When the installation is complete, you will find a u-center menu under the Windows Start button, *All Programs > u-blox*

5. Interfaces

The EVK-7 and EVK-8 kits can be used to evaluate all interfaces available on u-blox 7 / u-blox-8 chips and supported modules. The evaluation unit provides a USB connector for communication and powering the device, as well as a UART connector for connecting to the COM port of your PC.

SPI and the I²C-compliant DDC interfaces are designed to enable communications with a host CPU.

6. u-center

The u-center GNSS evaluation software provides a powerful tool for evaluation, performance analysis and configuration of u-blox positioning products.

7. More information

NOTE: Refer to recommendations in the EVK user guide when using the EVK-7 / 8 with a GNSS simulator.

For more information about the EVK-7 and EVK-8 kits, contact your nearest u-blox support:

www.u-blox.com/contact-technical-support