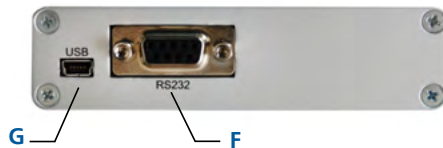
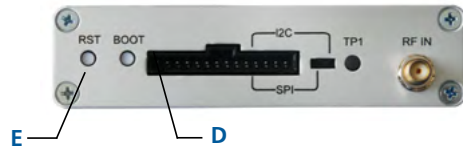
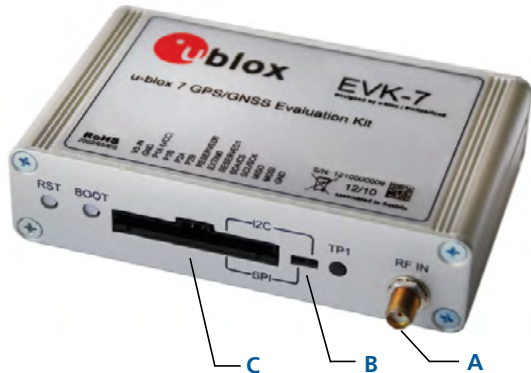


# Quick Start EVK-7 / EVK-8



## 1. Overview



## 2. Setup

1. Download and install the EVK-7 or EVK-8 software (and documentation) from [www.u-blox.com/evaluation-kits](http://www.u-blox.com/evaluation-kits). See the 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 - requires internet connection).
  - UART: Connect via RS232 (F). Set switch (B) to I2C.
  - SPI / I<sup>2</sup>C 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 3 m cable

### 4. Interfaces

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

SPI and the I<sup>2</sup>C-compliant DDC interfaces are designed to enable communications with a host CPU.

### 5. 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)
- Choose a package: "Software only" or "Software and documentation".
- Unzip the downloaded file, go to the Tools folder, and open the u-center zip file.
- Run the extracted u-center exe 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*

### 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 regarding the EVK-7 and EVK-8, contact your nearest u-blox support:

[www.u-blox.com/en/contact-us-support.html](http://www.u-blox.com/en/contact-us-support.html)