# Quick Start EVK-7 / EVK-8

1. Overview
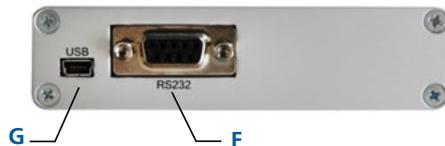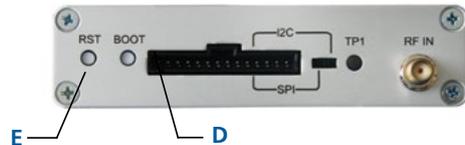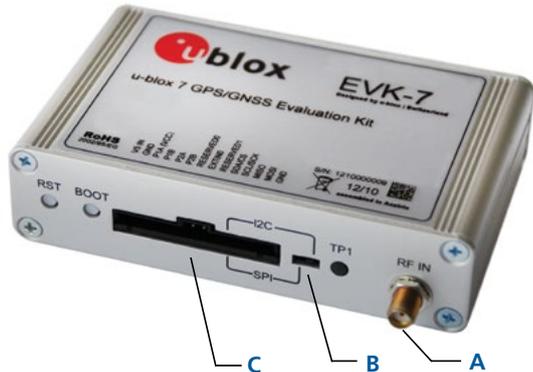
2. Setup

1. Download the EVK-7 or the EVK-8 software (and documentation) from www.u-blox.com/evk-downloads and install the software. See installation notes on back of 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 / I²C compliant DDC: Connect pins (**C**). Set switch (**B**) to SPI or I2C.

   NOTE: Press the RST (**E**) after changing the 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 good sky view. 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
- Extra battery RENATA CR2450

4. Interfaces

With the EVK-7 and EVK-8, all interfaces on u-blox 7 / u-blox 8 chips and supported modules can be evaluated. The evaluation unit provides a Micro 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 allow communication to a host CPU.

5. Installation

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

- An Internet connection is required. Windows operating systems are supported (x86 and x64 versions of Vista, 7, 8, 10).
- 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
- To uninstall the software, go to Control Panel and remove the u-center program and "Windows Driver Package – u-blox AG (ublox-usb) Ports".

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