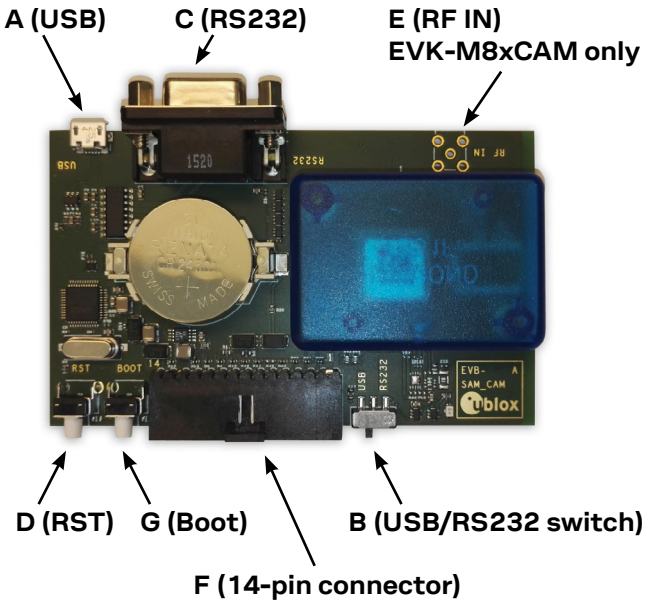
Quick Start EVK-M10QSAM / M8QSAM / M8xCAM

1. Overview



2. Setup

1. Download and install the EVK-M10QSAM / EVK-M8QSAM / EVKM8xCAM software (and documentation) from **www.u-blox.com/evk-search**.
   See installation notes on the back of this card.
2. Connect the unit to a PC. Options:
   - USB: Connect via USB port (**A**). Set switch (**B**) to USB. The USB driver installs automatically when the device is connected to a PC; this requires an internet connection.
   - UART: Connect via RS232 (**C**). Set switch (**B**) to RS232.

   NOTE: Press RST (**D**) after setting switch (**B**).
3. Provide power to the device at all times, either via USB on the back or the V5 IN pin on the front (**F**).
4. EVK-M10QSAM / EVK-M8QSAM: Place the EVK with an unobstructed view of the sky, no external antenna connectivity at (**E**).
5. EVK-M8QCAM / EVK-M8CCAM: Place the EVK with an unobstructed view of the sky or connect antenna signal to (**E**).
6. Start the u-center GNSS evaluation software and select the corresponding COM port and baud rate.

3. Kit includes

- EVK-M10QSAM, EVK-M8QSAM, EVK-M8QCAM, or EVK-M8CCAM unit
- USB cable
- Active GPS / Galileo / GLONASS / BeiDou antenna with a 3 m cable (only for EVK-M8xCAM)

4. Installation

Notes for downloading the EVK software package and running the installation:

- An Internet connection is required
- Supported Windows operating systems: Windows 7 onwards (x86 and x64 versions)
- For EVK-M8QSAM, EVK-M8QCAM, or EVK-M8CCAM download the **u-center** evaluation software
- For EVK-M10QSAM download the **u-center 2** evaluation software
- Run the u-center or u-center 2 installer executable file and follow the installer instructions
- When the installation is complete, you will find a u-center or u-center 2 menu under the Windows Start button:

  All Programs > u-center

  All Programs > u-center 2

5. Interfaces

All the kits provide a USB connector for communication and powering the device, as well as a UART connector for connecting to the COM port of your PC.

The DDC interface (I2C compliant) is also available for all the kits.

Additionally, the EVK-M8xCAM kits support optional SPI bus connectivity (requires a jumper resistor) 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 evaluation kit with a GNSS simulator.

For more information about the evaluation kit, contact your nearest u-blox support:

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