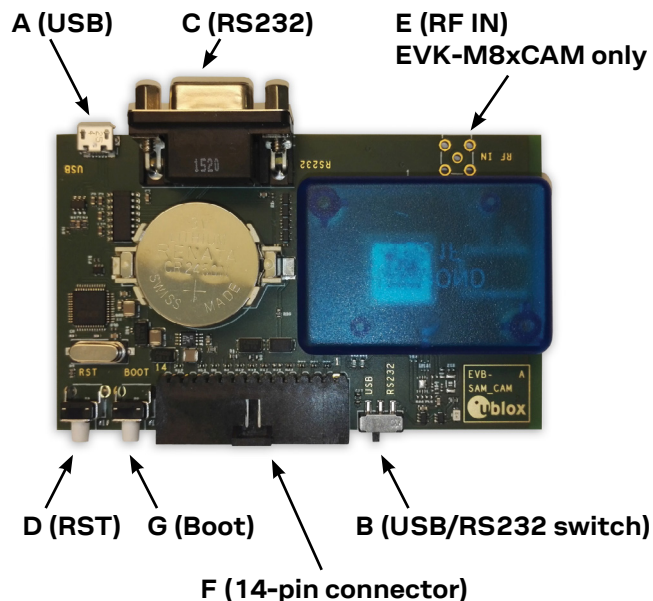


Quick Start EVK-M10QSAM / M8QSAM / M8xCAM



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

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[u-blox:](#)

[EVK-M8QSAM-0](#)