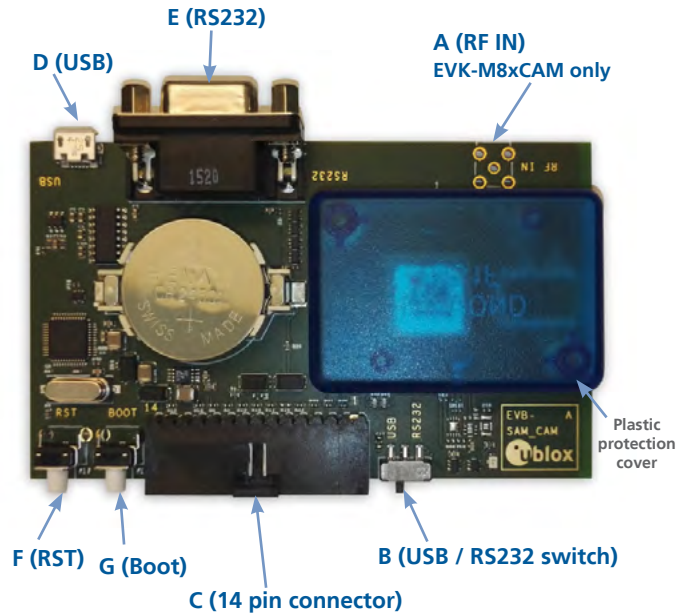


# Quick Start EVK-M8QSAM / EVK-M8xCAM



## 1. Overview



## 2. Setup

1. Download and install the EVK-M8QSAM / EVK-M8xCAM 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 (**D**). Set switch (**B**) to USB. The USB driver installs automatically when the device is connected to a PC - requires internet connection.
  - UART: Connect via RS232 (**E**). Set switch (**B**) to RS232.  
**NOTE**: Press RST (**F**) 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.
4. EVK-M8QSAM: Place the EVK with an unobstructed view of the sky, no external antenna connectivity at (**A**).  
EVK-M8QCAM / EVK-M8CCAM: Place the EVK with an unobstructed view of the sky or connect antenna signal to (**A**).
5. Start the u-center GNSS Evaluation Software and select the corresponding COM port and baud rate.

### 3. Kit includes

- EVK-M8QSAM or EVK-M8QCAM or EVK-M8CCAM unit
- USB cable
- Active GPS / Galileo / GLONASS / BeiDou antenna (only for EVK-M8xCAM)

### 4. Interfaces

The EVK-M8QSAM and the EVK-M8xCAM provide 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.

The DDC interface (I<sup>2</sup>C compliant) is available for both the EVK-M8QSAM and the EVK-M8xCAM.

Additionally, the EVK-M8xCAM supports optional SPI bus connectivity (requires a jumper resistor) to enable communications with a host CPU.

### 5. Installation

Notes for downloading the EVK-M8QSAM and the EVK-M8xCAM 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-M8QCAM or EVK-M8CCAM with a GNSS simulator.

For more information regarding the EVK-M8QSAM and EVK-M8xCAM, 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)