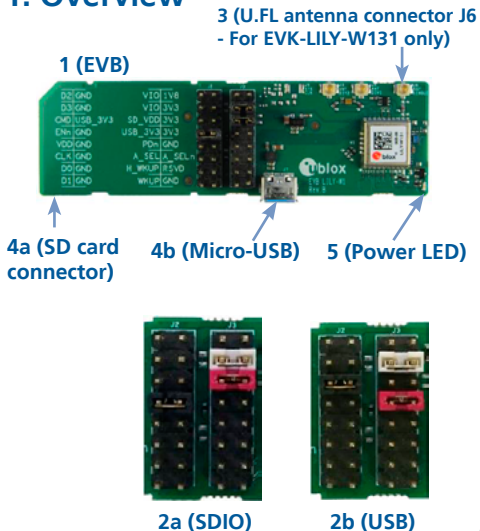


# Quick Start EVK-LILY-W1



## 1. Overview



## 2. Setup

Download the latest EVK-LILY-W1 documentation from [www.u-blox.com/evk-downloads](http://www.u-blox.com/evk-downloads).

1. Build and install the Linux drivers and configuration tools as per the User Guide.
2. Select SDIO or USB interface through jumper settings. The I/O voltage is set to 3.3 V by default.
  - a. For SDIO (**2a**): Bridge J2 7=8 and J3 5=6
  - b. For USB (**2b**): Bridge J2 5=6 and J3 7=8
3. For EVK-LILY-W131: Connect one antenna with U.FL connector to the antenna connector J6 (**3**).
4. Connect the EVB (**1**) to the host either by:
  - a. Inserting the EVB with the SD card connector (**4a**) into an SDIO capable slot or
  - b. Connecting a USB cable from the host to the micro-B connector J7 (**4b**) on the EVB.
5. Power LED (**5**) is green.

### 3. Interfaces

The EVK-LILY-W1 provides an SDIO connector and an alternative micro-USB receptacle for Wi-Fi communication and to power the device.

The evaluation kit is available for internal antenna and antenna pin variants of the LILY-W1 module. The EVK-LILY-W131 for the antenna pin variant includes a U.FL coaxial connector for connecting an external 2.4 GHz antenna.

Additional U.FL coaxial connectors are available on the EVK-LILY-W131 for connecting optional external antennas for an antenna diversity solution; switchable by components on the board.

Refer to the EVK-LILY-W1 User Guide for a comprehensive description of the evaluation kit features and functionalities.

### 4. Software

Linux and Android drivers for SDIO and USB host interfaces and tools for certification testing are available via u-blox support. Distribution of the software requires signing the u-blox Limited Use License Agreement (LULA).

Refer to the EVK-LILY-W1 User Guide for a description of how to build and install the drivers and basic usage examples.

### 5. More information

For more information regarding the EVK-LILY-W1, contact your nearest u-blox support:

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