This technical note describes the installation of the Agilent InfinityLab Companion.

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Install the InfinityLab Companion

**Hardware required**

1. At least one Agilent Infinity II LC module with D-Firmware and free CAN connector (use of USB mini-b/CAN connection).
2. InfinityLab Companion (G7108AA) containing:
   1. InfinityLab Companion USB stick plus adapter cable (G7108-68000)
   2. Optional: InfinityLab Companion Touchscreen Tablet (#250)
   3. Optional: InfinityLab Companion Safety Case (#252)
   4. Optional: InfinityLab Companion Docking Station, incl. Cable Set (#251)

**Software required**

Latest Lab Advisor software (B.02.10 or later) for firmware update available from Agilent web:


**Firmware required**

Latest firmware from set 7.01 (includes D.07.25 firmware for Infinity II modules with Core Processor Board and the Web-server firmware) available from Agilent web:


**Preparations**

- Make sure that the Infinity II module with D-Firmware has the latest firmware installed. All modules must be on the same firmware set. The Lab Advisor software will automatically install the Web-server firmware on the Infinity II module(s) with D-Firmware.
- Power off the Infinity II module with D-Firmware on which the InfinityLab Companion shall be hosted.
1 Insert the tablet into the bumper from the Safety Case (Bumper) Kit.

2 Attach the docking station to the solvent cabinet.

3 Press on the lid to release the slider (1.). Lift the slider up (2.).
4 Fix the CAN/USB cable assembly centered with the adhesive tape along the right side of the solvent cabinet.

The USB A / CAN connector should be on the left side.

5 Plug the Micro-USB B power cable (5188-8072) and the USB A/CAN cables into the ports at the docking station. If the cables are too long at the docking station, pull the cable assembly towards the rear through the channel.
6 Insert the tablet into the bottom of the docking station.

7 While pressing the release button, press the slider down to fix the tablet in the docking station.

8 Connect the Micro USB-B power connector to the tablet.
9 Power on the module (with D-Firmware). Connect the USB Dongle with its adapter cable (G7108-68000). Plug it into into the USB mini-b port at the rear side of the module to activate the InfinityLab Companion. Wait until the dongle LEDs stop blinking.

10 Power off the module and remove the adapter with the dongle.

11 Plug the CAN and the USB mini-b cables into the ports of the module. Power on the module.
Consider that the USB dongle and the LC module are now linked to each other. Before using the USB dongle to activate the InfinityLab Companion on another module, transfer the license back to the dongle using Lab Advisor.

Transfer License Back From Module to USB Dongle

The InfinityLab Companion license can be transferred back from a module to the USB dongle. This could be required for example to activate the InfinityLab Companion on another module.

Consider that after bringing back the license from the module to the USB dongle, the InfinityLab Companion will not be activated on the origin module any more.

Hardware required

- LC Module with activated InfinityLab Companion
- USB dongle (G7108AA) that was previously used to activate the InfinityLab Companion on this module

Software required

- Agilent Lab Advisor Version B.02.11 or later

1 In Agilent Lab Advisor, connect to the LC system with activated InfinityLab Companion.
2 The System Overview screen shows on which module in the stack the InfinityLab Companion is activated. Make sure that the USB dongle which was used to activate the InfinityLab Companion on this module is plugged in.
3 In Lab Advisor, select Instrument Control in the left navigation bar.
4 Under Controls, select the Special Commands tab and click Remove InfinityLab Companion license.
5 Before restarting the module to adapt the changes, remove the USB dongle.
Electrical Interconnection

Figure 1  Electrical interconnection