# kramer

KC-Virtual Brain1 Quick Start Guide

This guide helps you install and use your **KC Virtual Brain1** for the first time.

Go to www.kramerav.com/downloads/KC-Virtual Brain1 to download the latest user manual and check if firmware upgrades are available.

Step 1:   Check what's in the box

- ☑ **KC-Virtual Brain1 Control Server**
- ☑ 1 Power supply (12V DC) with adapters for US, UK, and EU
- ☑ 1 VESA mounting bracket
- ☑ 1 VESA screw set
- ☑ 1 Quick start guide

Step 2:   Get to know your KC-Virtual Brain1
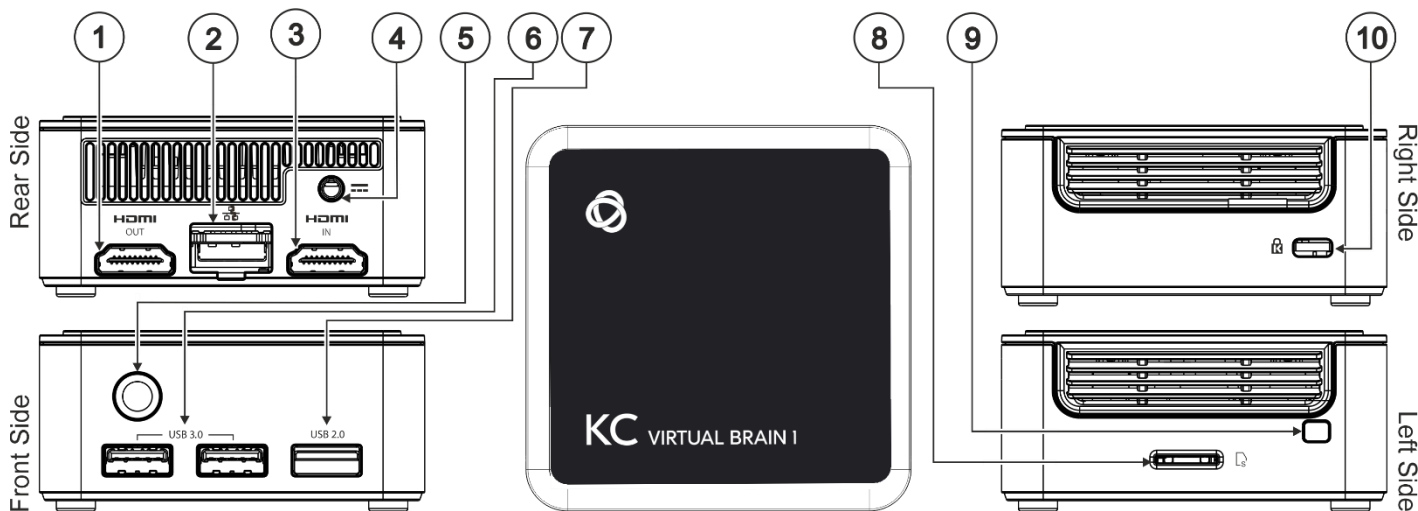
#	Feature	Function
1	HDMI OUT Connector	Connect to an HDMI sink.
2	RJ-45 Port	Connect to a LAN (default mode).
3	HDMI IN Connector	Connect to an HDMI source.
4	Power Connector	Connect to the 12V DC power supply.
5	Power Button with LED	Press to power ON or turn OFF the device.
6	USB 3.0 Connectors (x2)	Connect to USB devices, for example, a keyboard and a mouse.
7	USB 2.0 Connector	Connect to a USB device, for example, a keyboard or mouse.
8	Micro SD Card Slot	Not in use.
9	N/A	
10	Lock Anchor	Use to lock the device to the desk.

The terms HDMI, HDMI High-Definition Multimedia Interface, and the HDMI Logo are trademarks or registered trademarks of HDMI Licensing Administrator, Inc.

Step 3:   Mount KC-Virtual Brain1

Install **KC-Virtual Brain1** using one of the following methods:

- Place **KC-Virtual Brain1** on a flat surface.
- When mounting on a wall, install the VESA mounting plate with 4 screws, insert the 2 hand-tightened screws into the bottom of the device, and mount the device on the mounting plate using the 2 screws.

⚠️
- Ensure that the environment (e.g., maximum ambient temperature & air flow) is compatible with the device.
- Avoid uneven mechanical loading.
- Appropriate consideration of equipment nameplate ratings should be used to avoid circuit overloading.
- Reliable earthing of rack-mounted equipment should be maintained.
- Maximum mounting height for the device is 2 meters.

HDMI™
HIGH-DEFINITION MULTIMEDIA INTERFACE

P/N: 2900-301658QS   Rev: 2

Step 4: Connect inputs and outputs

If direct connectivity to **KC-Virtual Brain1** is required, connect the device as shown below.

Always switch off each device's power before connecting it to your **KC-Virtual Brain1**.
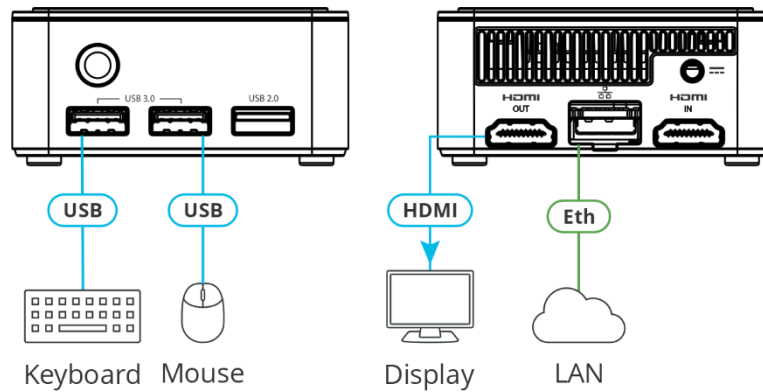
To achieve specified extension distances, use the recommended Kramer cables available at
www.kramerav.com/product/KC-Virtual Brain1.
Using third-party cables may cause damage!

Step 5: Connect the power

Connect the power cord to **KC-Virtual Brain1** and plug it into the mains electricity.

Safety Instructions (See www.kramerav.com for updated safety information)
Caution:
- For products with relay terminals and GPI\O ports, please refer to the permitted rating for an external connection, located next to the terminal or in the User Manual.
- There are no operator-serviceable parts inside the unit.

Warning:
- Use only the power cord that is supplied with the unit.
- Disconnect the power and unplug the unit from the wall before installing.

Step 6: Operate KC-Virtual Brain1

⚠️ Knowledge of IP networking is required to perform the following procedure. Inaccurate IP calculation could damage your IP network when you start **KC-Virtual Brain1**.

ⓘ DHCP server is recommended. You may need to contact your IT manager to get the IP of your brain.
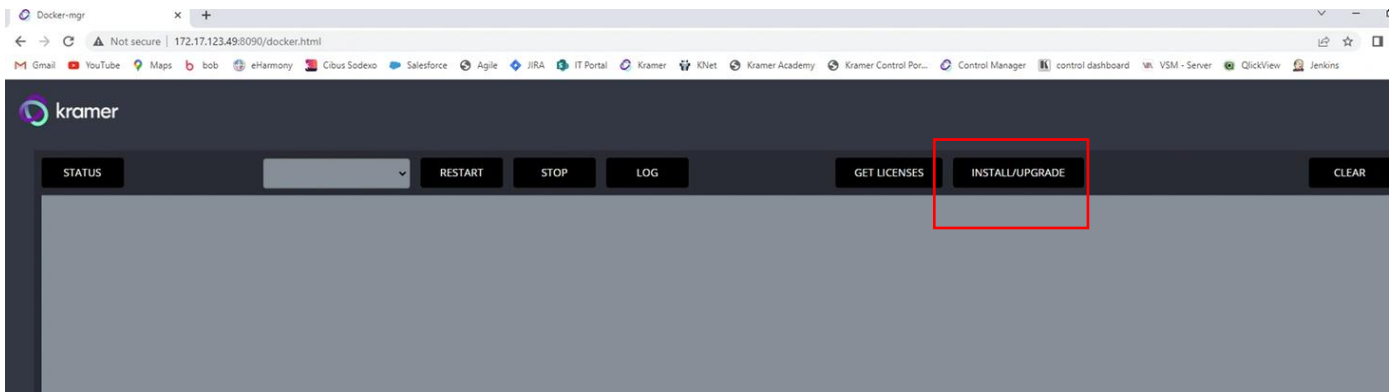
To operate KC Virtual Brain 1:

1. Open a browser and enter Brain **<IP_Address>:8090/docker.html** in the URL.
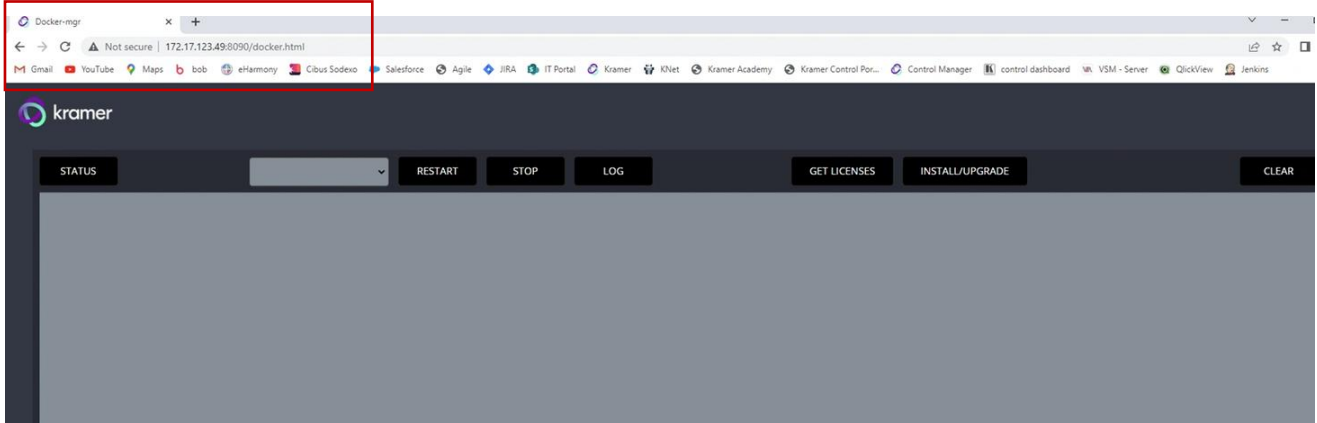
When opening a KC/brain UI for the first time, the screen appears blank.

2. Click **INSTALL/UPGRADE** to install the brain on the docker. The process can take around 1 min.
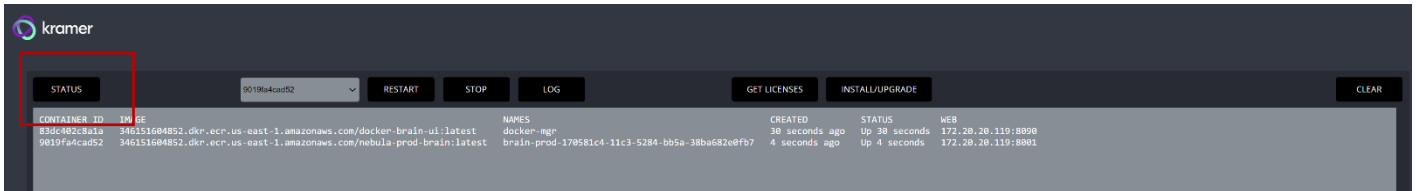

ⓘ **KC-Virtual Brain1** is shipped with a license installed and Docker image is configured to ensure that powering on a new **KC-Virtual Brain1** unit will start your brain.
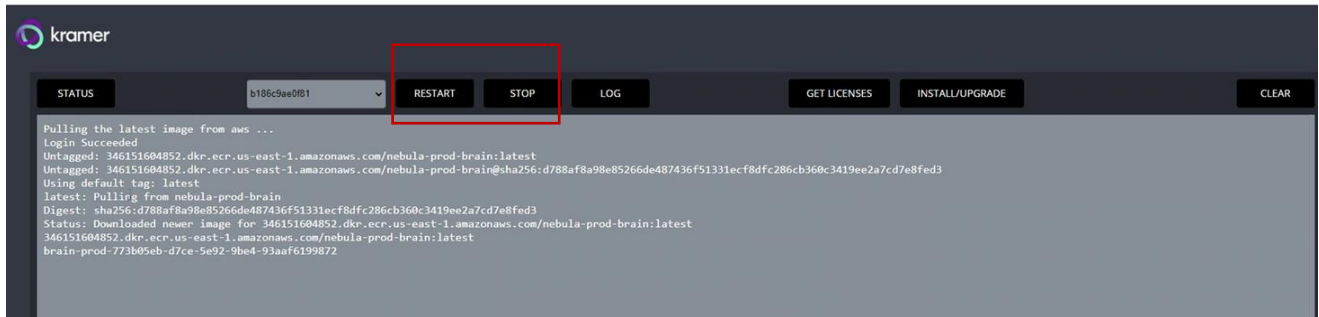
3. Go to **GET LICENSES** to check how many licenses are installed. If the window is empty, contact your local customer support.
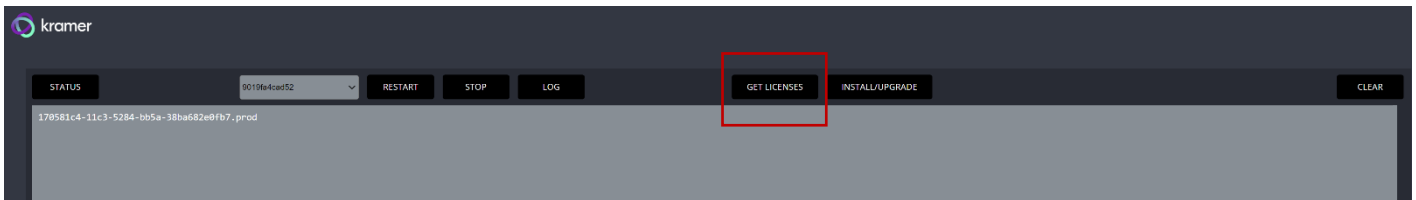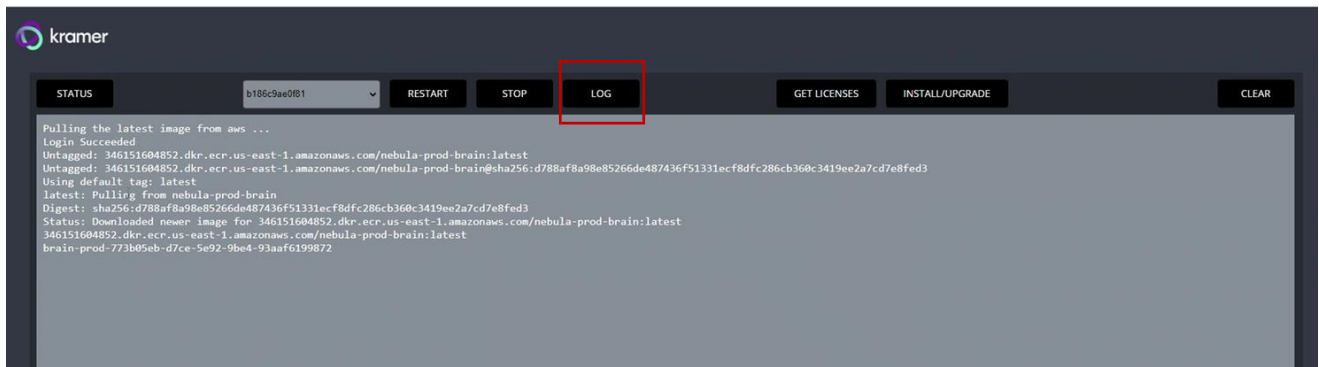
4. Click **STATUS** to check the status of the brain.

5. Click **RESTART** or **STOP** to restart or stop the brain.

6. Click **LOG** to download the logs. A zip file is created in the download directory.

Host Network

If you want to work with different network parameters, contact your local service engineer.

ⓘ The URL to access the brain is **<IP_Address>:8001/kramer-ui/index.html**.