

kramer KC-Virtual Brain1 Processor Control

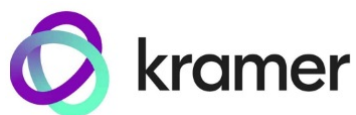


## kramer KC-Virtual Brain1 Processor Control User Guide

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kramer KC-Virtual Brain1 Processor Control



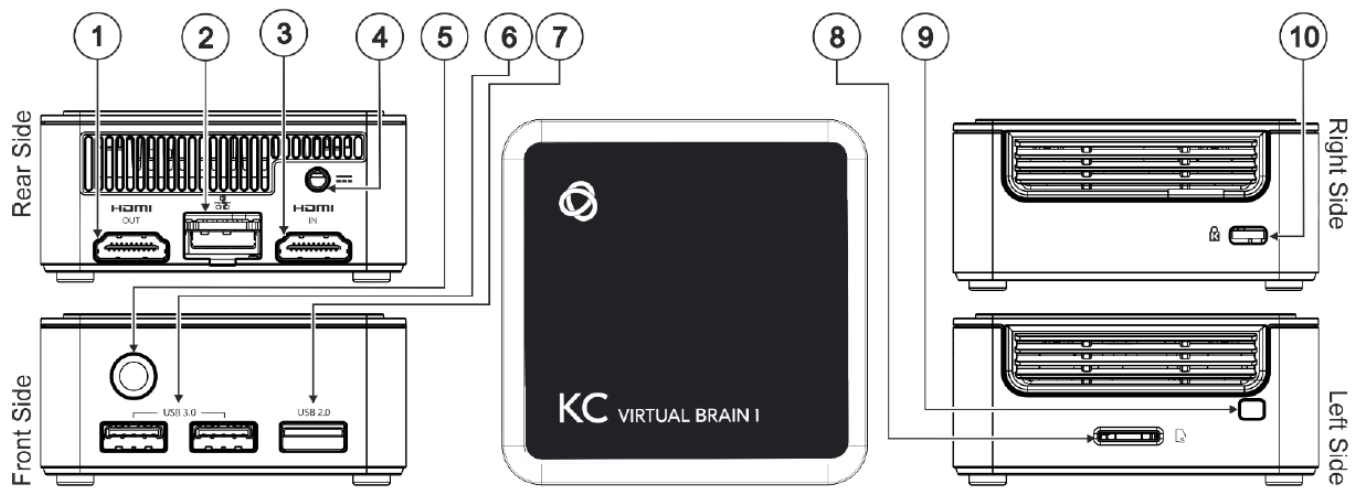
## FAQ

- **Q:** What should I do if I encounter issues with IP networking during setup?
  - **A:** If you encounter issues with IP networking, ensure accurate calculations and consider using a DHCP server. Contact your IT manager for assistance if needed.
- **Q:** Where can I find the full user manual for KC-Virtual Brain1?
  - **A:** The full user manual can be downloaded from <https://www.kramerav.com/product/KC-VirtualBrain1>.

## 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

## 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.

## Mount KC-Virtual Brain1

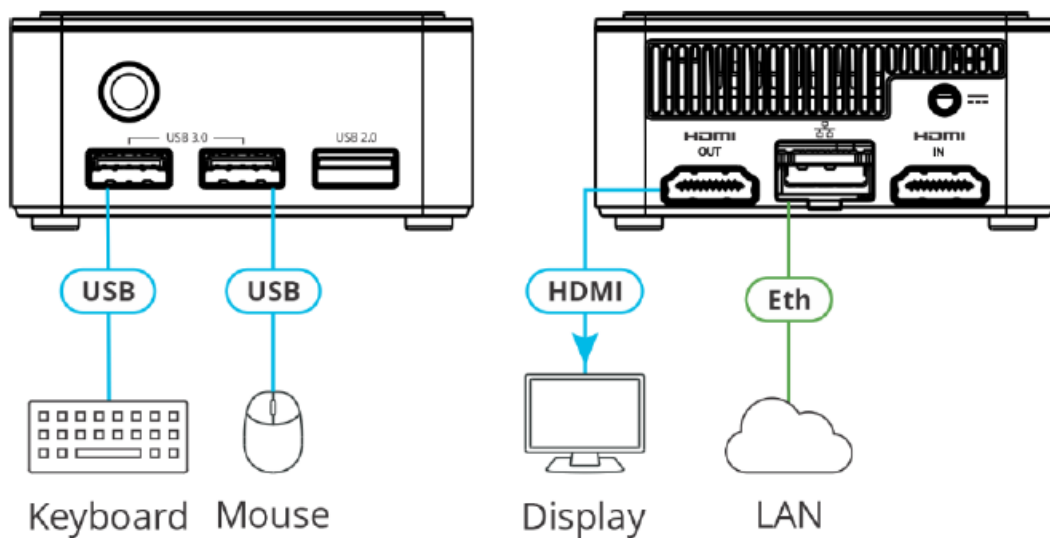
Install KC-Virtual Brain1 using one of the following methods:

- 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.

## 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-VirtualBrain1](http://www.kramerav.com/product/KC-VirtualBrain1).
- Using third-party cables may cause damage!

## Connect the power

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

**Safety Instructions** (See [www.kramerav.com](http://www.kramerav.com) for updated safety information)

### Caution:

- For products with relay terminals and GPIO 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.

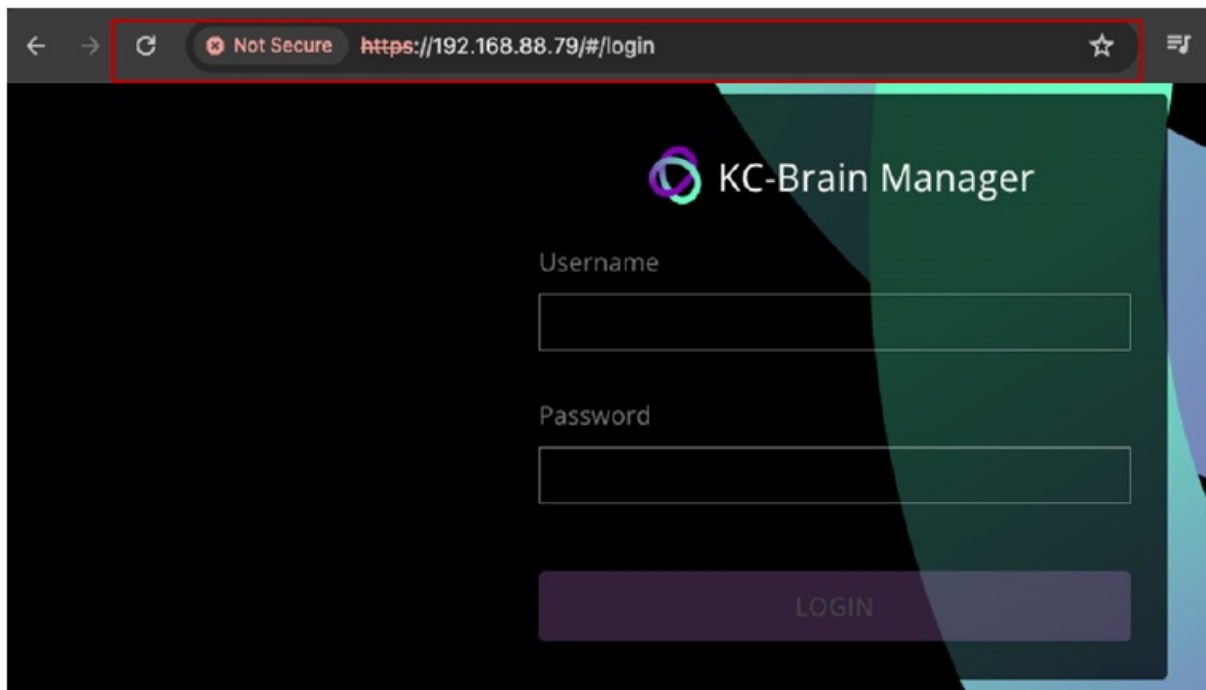
Knowledge of IP networking is required to perform the following procedure. Inaccurate IP calculation could damage your IP network when you start KC-Virtual Brain1.

DHCP server is recommended. You may need to contact your IT manager to get the IP of your brain.

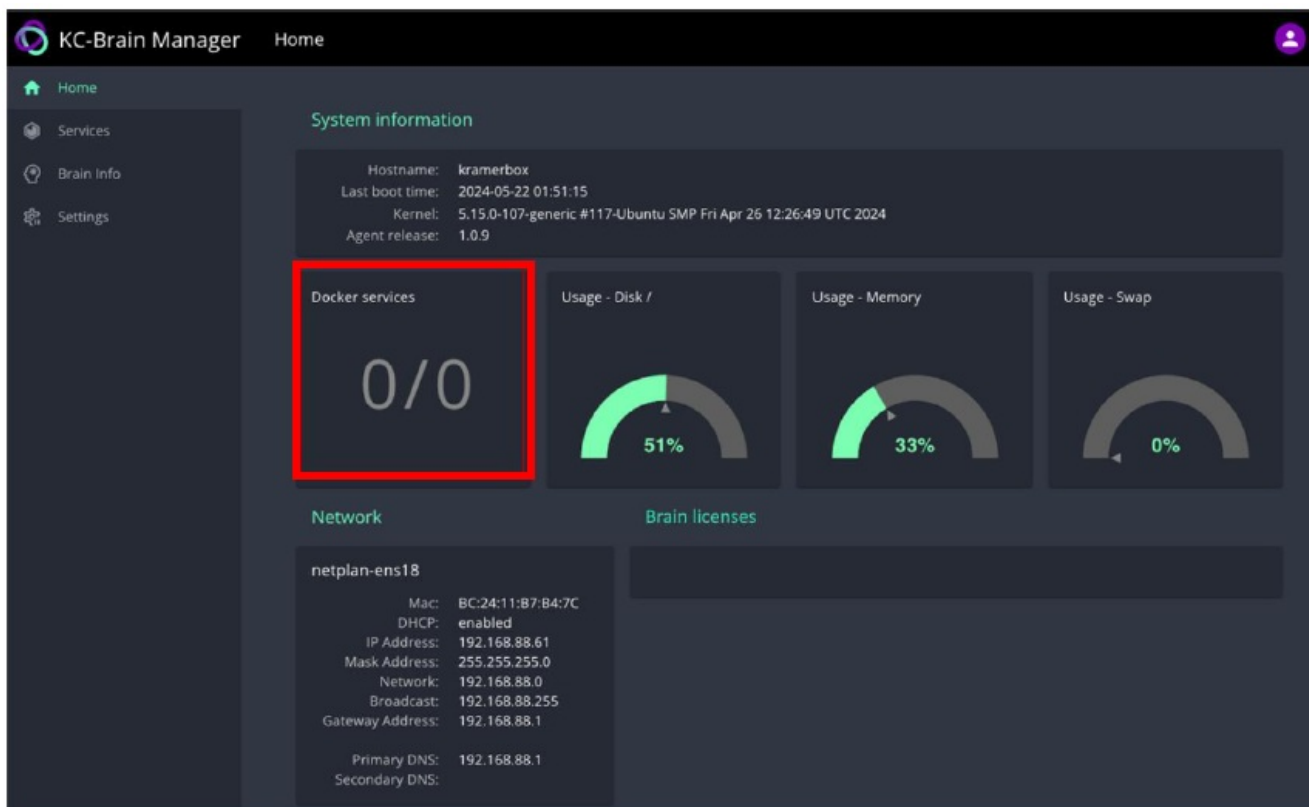
## Operate KC-Virtual Brain1

**To operate KC Virtual Brain 1:**

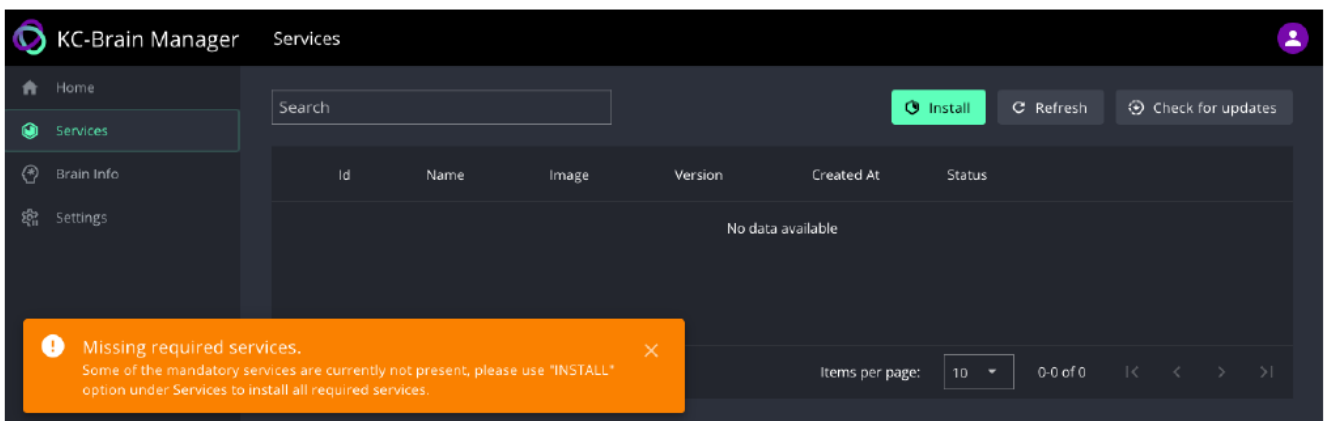
1. Open a browser and enter Brain <IP\_Address> in the URL.



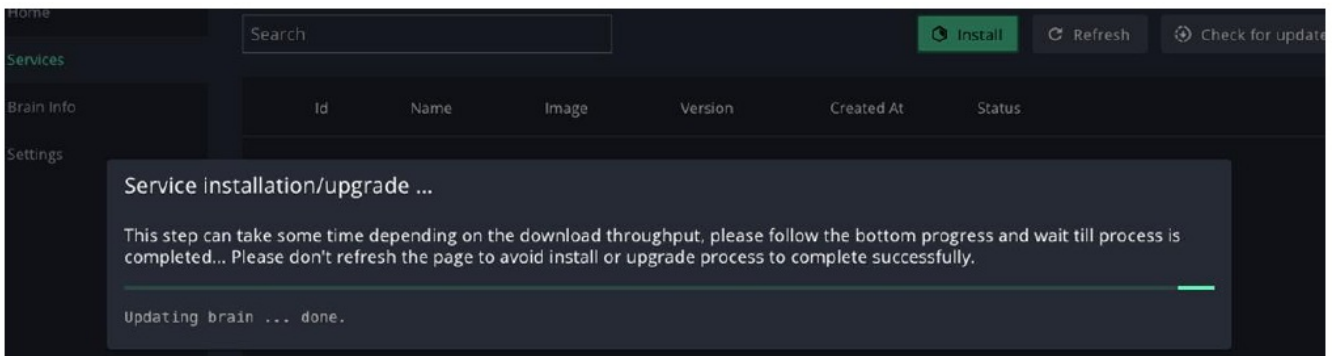
2. Login in using the username and password (Default kramer/kramer – the password can be changed).









3. When opening a KC/brain UI for the first time you will see this screen showing 0/0 docker services.



4. Navigate to the Services tab on the left.

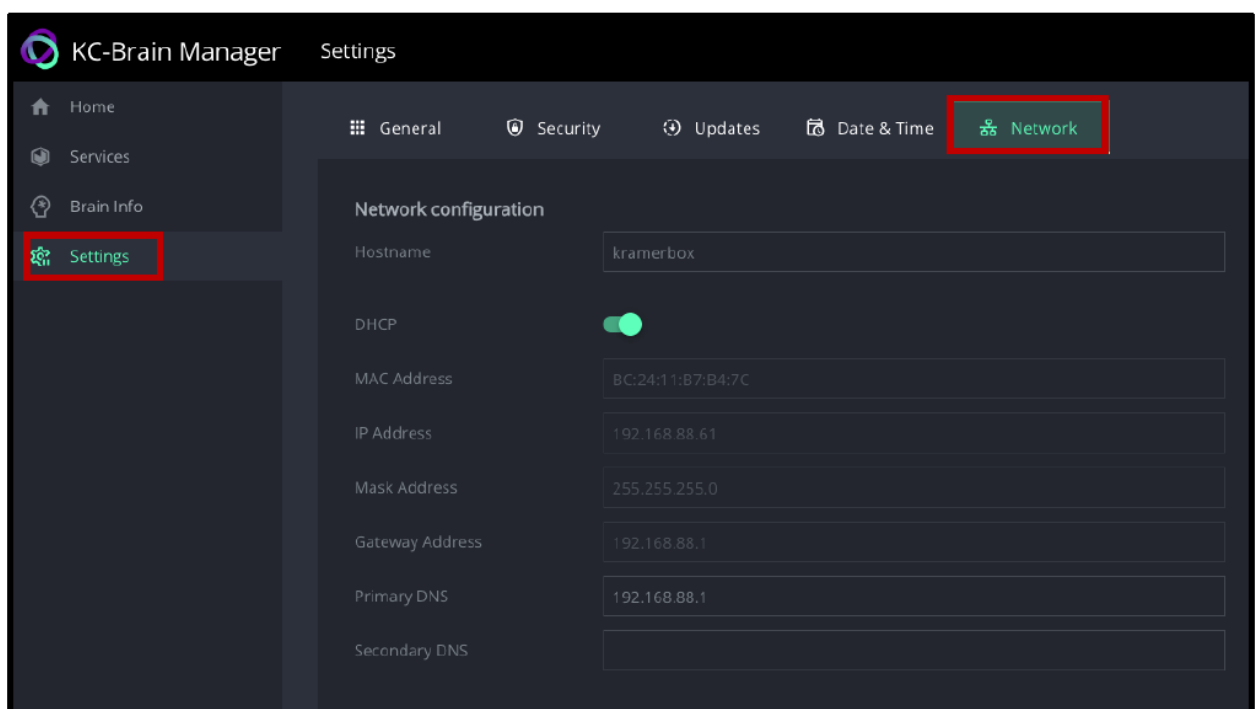


5. Click Install, this will download and install the latest brain version on the unit and start the Brain services based on the number of licenses on the device (1 for KC-Virtual Brain1).

Id	Name	Image	Version	Created At	Status
 5f549e3de4ab	brain-582bfa22-69cd : 8000	nebula-prod-brain	2.10.10-prod	2024-05-22 02:03:52	running     

6. Table data regarding the Brain, shows that the Brain has been successfully installed.

- The buttons on the right allows you to manage individual services independently of each other and the host, please refer to to the user manual for more information.



7. Network configuration can be found under Settings > Network.

8. To provision a Brain to a space, navigate to Brain Info, select a brain instance and then click Configuration. For more information, please refer to the User Manual for the KC-Virtual Brain1 at

<https://www.kramerav.com/product/KC-VirtualBrain1>.

## More Information

- This guide helps you install and use your KC Virtual Brain1 for the first time.
- Go to <http://www.kramerav.com/downloads/KC-VirtualBrain1> to download the latest user manual and check if firmware upgrades are available.

## Scan for full manual



[kramerav.com](http://www.kramerav.com)



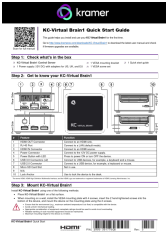
P/N: 2900-301770QS



Rev: 3



## Documents / Resources

	<a href="#">kramer KC-Virtual Brain1 Processor Control</a> [pdf] User Guide KC-Virtual Brain1, KC-Virtual Brain1 Processor Control, Processor Control, Control
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## References

- [Kramer | Audio-Visual Solutions and Experiences](#)
- [Kramer | Audio-Visual Solutions and Experiences](#)
- [No resources found](#)
- [User Manual](#)

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