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KC-Virtual Brain5 Quick Start Guide

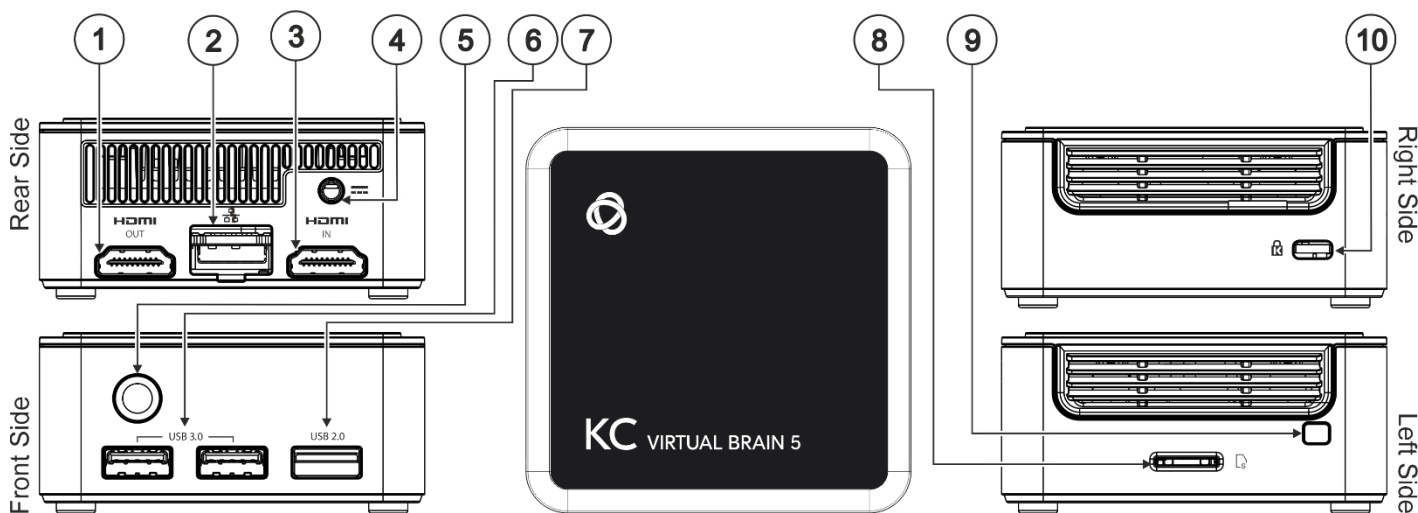
This guide helps you install and use your **KC-Virtual Brain5** for the first time.

Go to [http://www.kramerav.com/downloads/KC-Virtual Brain5](http://www.kramerav.com/downloads/KC-Virtual_Brain5) to download the latest user manual and check if firmware upgrades are available.

Step 1: Check what's in the box

- ✔ KC-Virtual Brain5 Control Server
- ✔ 1 VESA mounting bracket
- ✔ 1 Quick start guide
- ✔ 1 Power supply (12V DC) with adapters for US, UK, and EU
- ✔ 1 VESA screw set

Step 2: Get to know your KC-Virtual Brain5



#	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 Brain5

Install KC-Virtual Brain5 using one of the following methods:

- Place KC-Virtual Brain5 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.

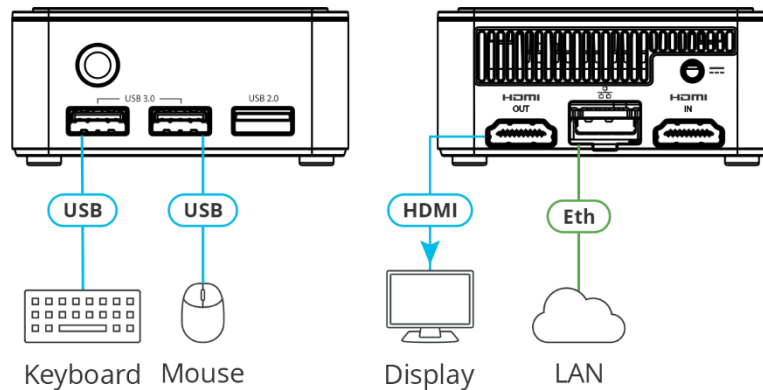


- Ensure that the environment (e.g., maximum ambient temperature & air flow) is compatible with the device.
- Avoid uneven mechanical loading.
- Appropriate consideration of equipment nameplate ratings should be used to avoid circuit overloading.
- Reliable earthing of rack-mounted equipment should be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

Step 4: Connect inputs and outputs

If direct connectivity to **KC-Virtual Brain5** is required, connect the device as shown below.

Always switch off each device's power before connecting it to your KC-Virtual Brain5.



To achieve specified extension distances, use the recommended Kramer cables available at [www.kramerav.com/product/KC-Virtual Brain5](http://www.kramerav.com/product/KC-Virtual_Brain5).

Using third-party cables may cause damage!

Step 5: Connect the power

Connect the power cord to **KC-Virtual Brain5** and plug it into the mains electricity.

Safety Instructions (See 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 Brain5.

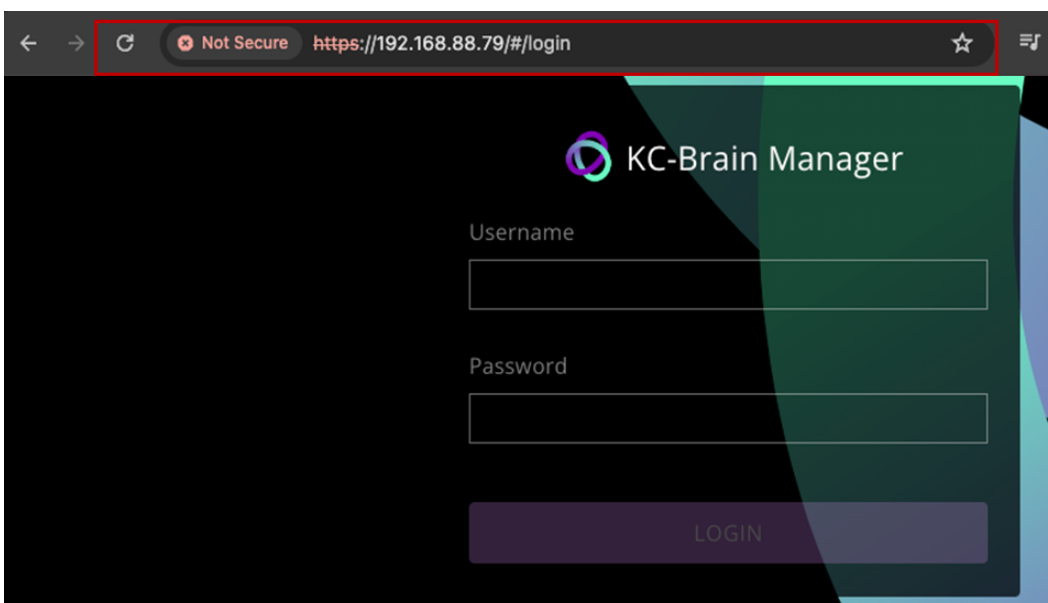


DHCP server is recommended. You may need to contact your IT manager to get the IP of your brain.

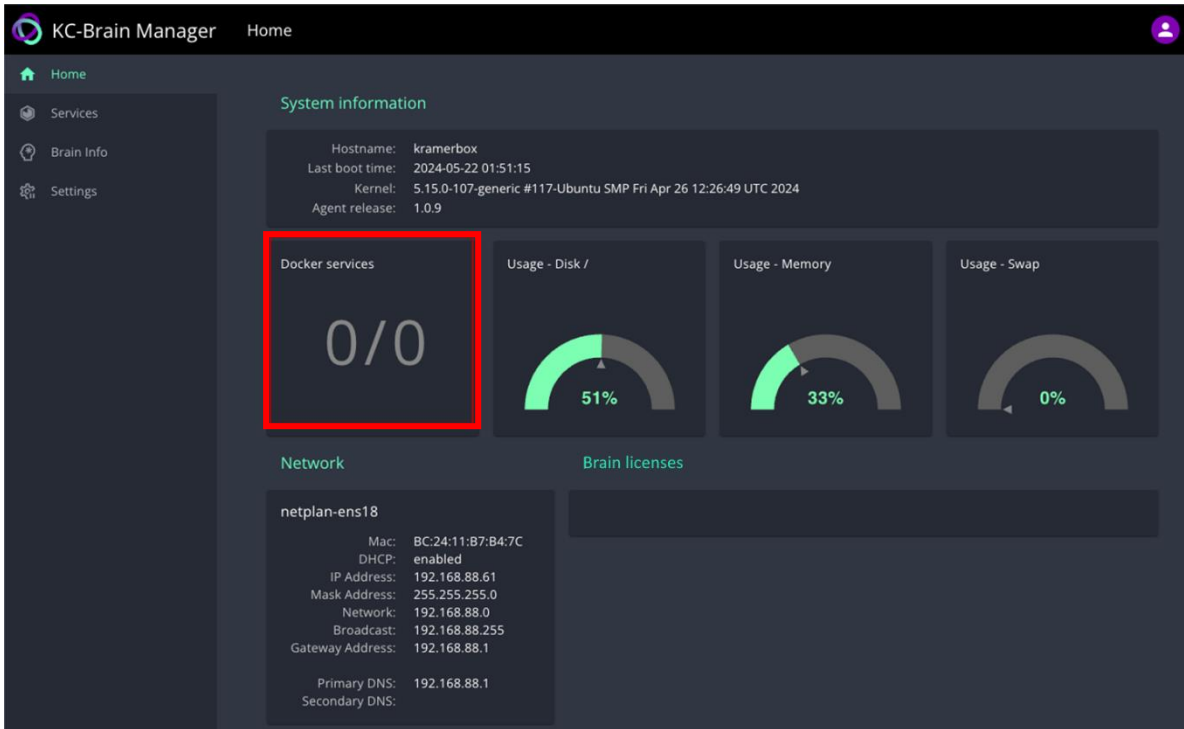
Step 6: Operate KC-Virtual Brain5

To operate **KC-Virtual Brain5**:

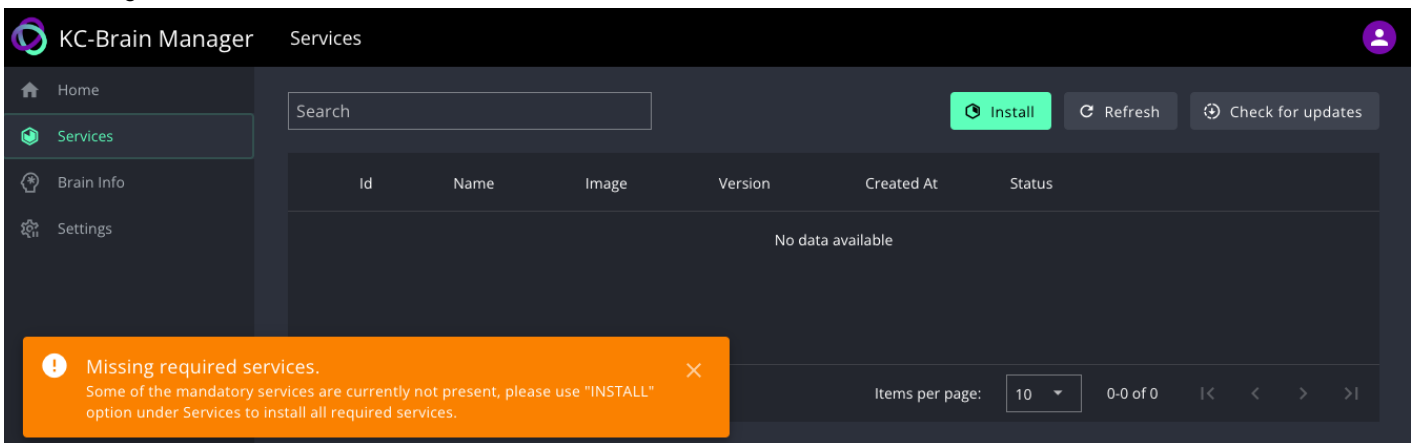
1. Open a browser and enter Brain <IP_Address> in the URL.
2. Login in using the username and password (Default kramer/kramer – the password can be changed).



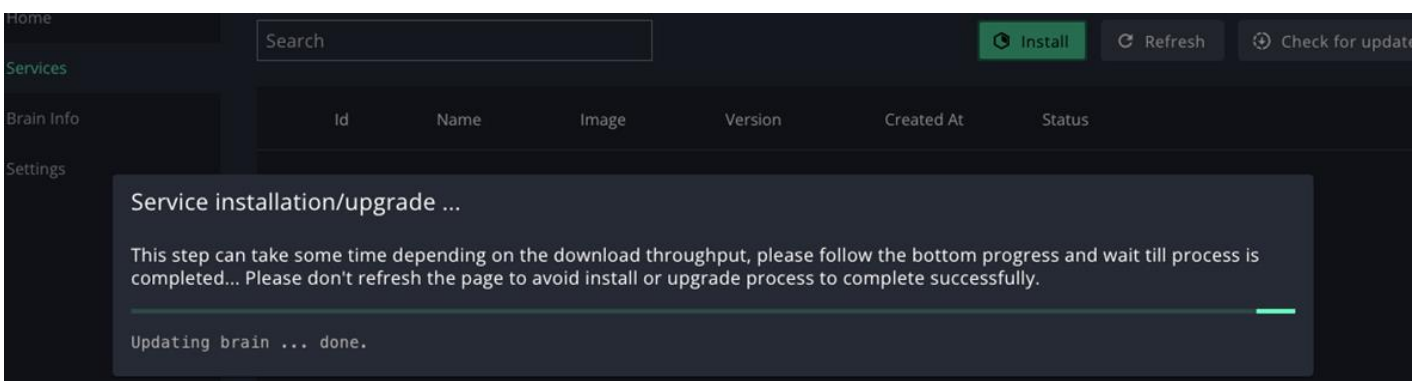
- When opening a KC/Brain UI for the first time you will see this screen showing 0/0 docker services.



- Navigate to the **Services** tab on the left.



- 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 (5 for KC-Virtual Brain5).

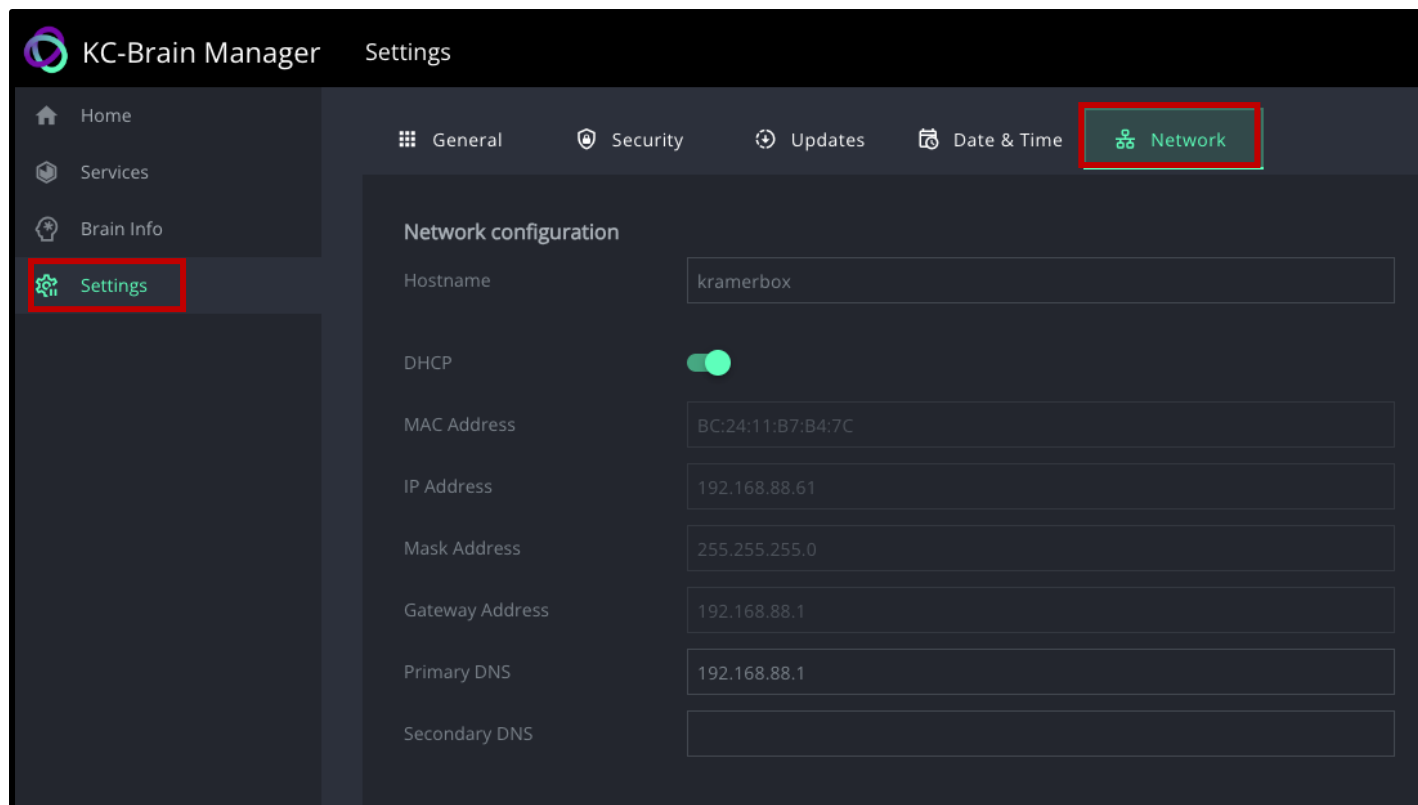


- Table data regarding the Brains, shows that the Brains have been successfully installed.

Id	Name	Image	Version	Created At	Status	
f035c85a0997	brain-fbfce2f9-40c5 : 8004	nebula-prod-brain	2.10.10-prod	2024-04-02 03:53:38	running	
df81d631a794	brain-f555adf6-c320 : 8003	nebula-prod-brain	2.10.10-prod	2024-04-02 03:53:37	running	
ae2a82fcc072	brain-e8aac1c3-0d82 : 8002	nebula-prod-brain	2.10.10-prod	2024-04-02 03:53:37	running	
e71e802e7134	brain-c2c2099c-6a5d : 8001	nebula-prod-brain	2.10.10-prod	2024-04-02 03:53:37	running	
5ad22d99f7b4	brain-b4089b2c-6bb4 : 8000	nebula-prod-brain	2.10.10-prod	2024-04-02 03:53:34	running	

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

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



8. To provision one of the five Brains 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 KC-Virtual Brain5 at <https://www.kramerav.com/product/KC-Virtual Brain5>.