

## Update Recommended Before first use!

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### KC-VIRTUAL BRAIN 1 (GEN2)

#### Quick Start Guide

This guide helps you install and use your KC-VIRTUAL BRAIN 1 (GEN2) for the first time.

Go to [www.kramerav.com/product/kc-virtual-brain1-Gen2](http://www.kramerav.com/product/kc-virtual-brain1-Gen2) to download the latest user manual and check if firmware upgrades are available.

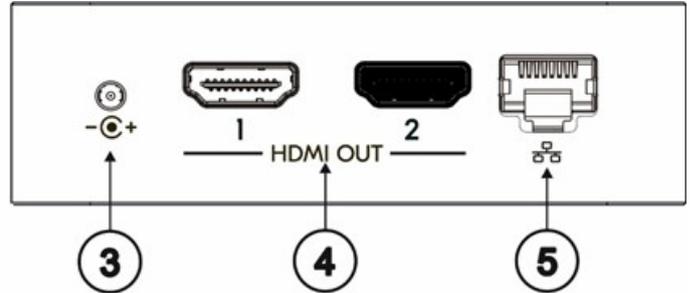
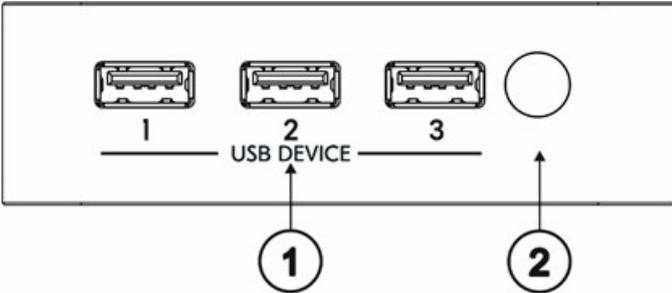


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### Step 1: Check what's in the box

- ✓ KC-VIRTUAL BRAIN 1 (GEN2)
- ✓ 1 VESA mounting bracket
- ✓ 1 Quick start guide
- ✓ 1 Power cords for US and EU
- ✓ 1 VESA screw set

### Step 2: Get to know your KC-Virtual Brain 1 (GEN2)



#	Feature	Function
1	3 x USB DEVICE 3.0 Connector	Connect to a USB device, for example, a USB speaker.
2	Power Button with LED	Press to power ON or turn OFF the device.
3	Power Connector	Connect to the 12V DC power supply.
4	1 x HDMI OUT Connector	Connect to an HDMI sink.
5	RJ-45 Connector	Connect to a LAN (default mode).



The following ports are unavailable and covered by rubber covers:

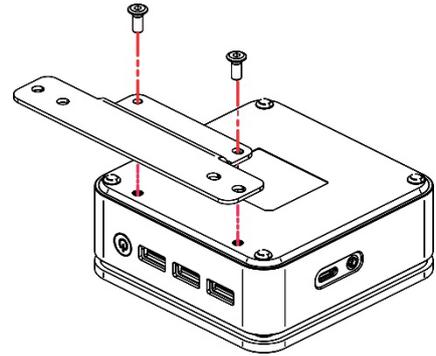
1. HDMI OUT 2.
2. USB-C.
3. Analog audio.

## Step 3: Mount KC-VIRTUAL BRAIN 1

**KC-VIRTUAL BRAIN 1** can be installed on a flat surface / wall, rear of a monitor or rack mount using the included VESA mounting bracket and screw set:

### Mount KC-VIRTUAL BRAIN 1 to the Mounting Bracket

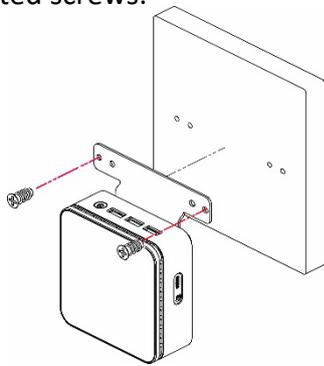
Attach the mounting bracket to the **KC-VIRTUAL BRAIN 1** with 2 screws.



This step is required for all the options detailed below.

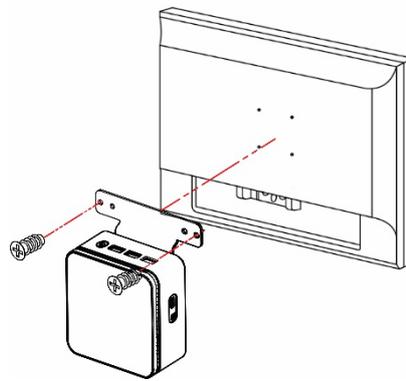
#### To Mount to a Flat Surface / Wall

Secure the mounting bracket to a flat surface / wall with dedicated screws.



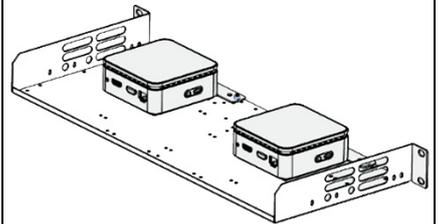
#### To Mount to rear of monitor

Secure the mounting bracket to VESA holes located on rear of monitor.



#### To Mount to a Rack Mount

Secure the mounting bracket(s) to the rack mount with dedicated screws.



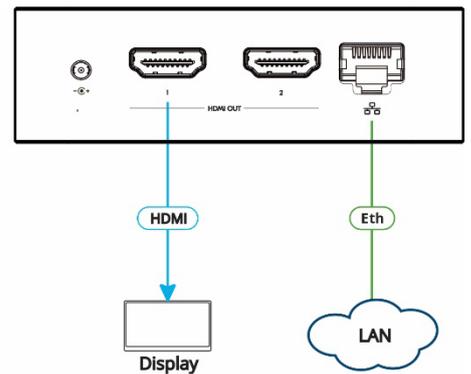
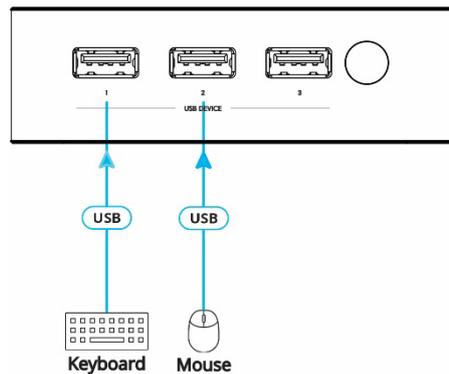
## Step 4: Connect inputs and outputs

Always switch OFF the power on each device before connecting it to your **KC-VIRTUAL BRAIN 1**.

1. Connect a USB device.
2. Connect an HDMI display.
3. Connect to the LAN (default mode).



If you wish to use a Kramer active optical pluggable HDMI cable with your **KC-VIRTUAL BRAIN 1**, contact your local Kramer office to assist in purchasing the correct cable.



To achieve specified extension distances, use the recommended Kramer cables available at [www.kramerav.com/product/KC-VIRTUAL\\_BRAIN\\_1\(Gen2\)](http://www.kramerav.com/product/KC-VIRTUAL_BRAIN_1(Gen2)).  
Using third-party cables may cause damage!

## Step 5: Connect power

Connect the 12V DC power adapter to **KC-VIRTUAL BRAIN 1(Gen 2)** and plug it into the mains electricity.



**Caution:** There are no operator serviceable parts inside the unit.

**Caution:** The device is intended to be installed at a height of 2 meters or less.

**Warning:** Use only the Kramer Electronics power adapter that is provided with the unit.

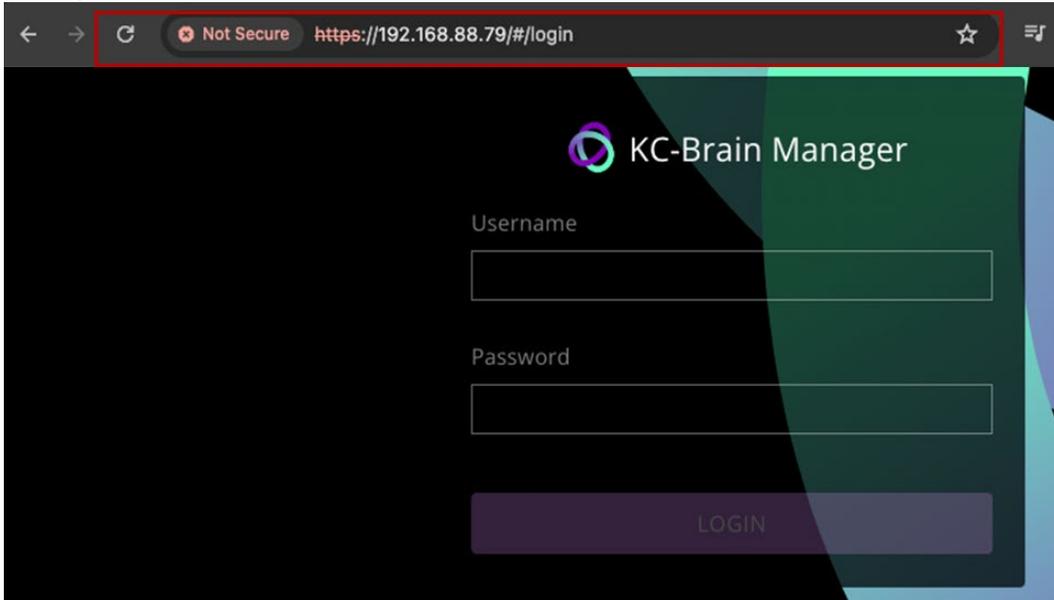
**Warning:** Disconnect the power and unplug the unit from the wall before installing.

See [https://www.kramerav.com/product/kc-virtual-brain1-\(Gen2\)](https://www.kramerav.com/product/kc-virtual-brain1-(Gen2)) for updated safety information.

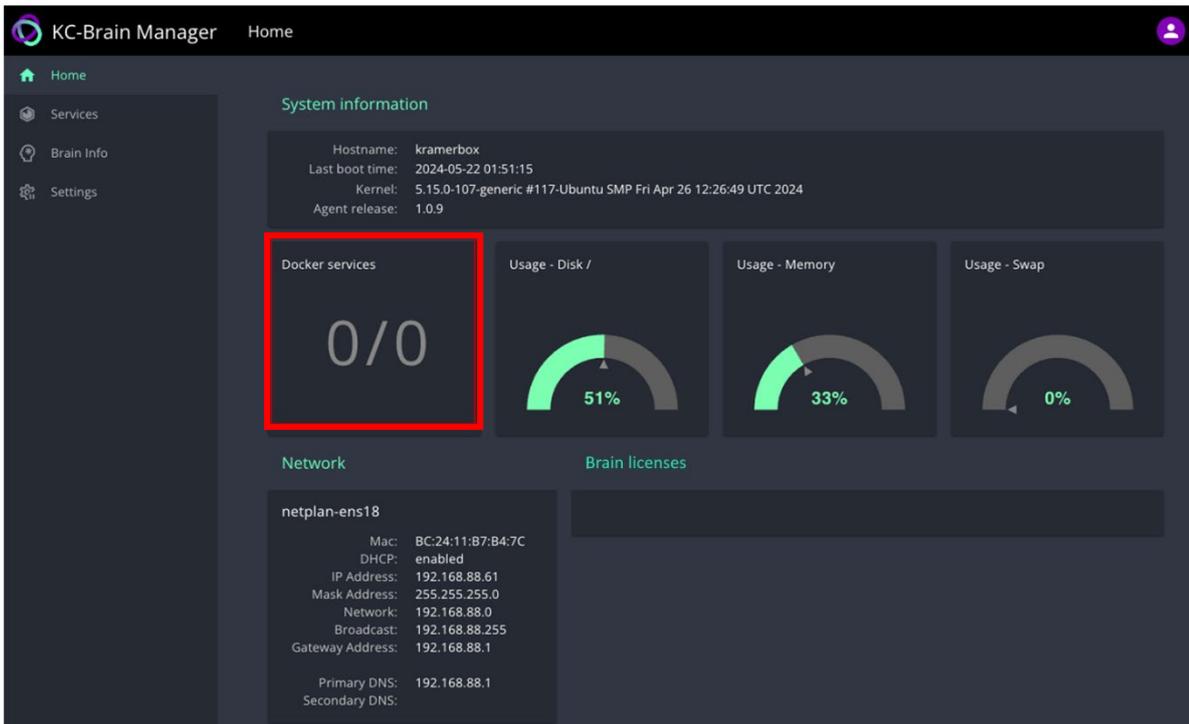
## Step 6: Operate KC-Virtual Brain 1

To operate KC Virtual Brain 1:

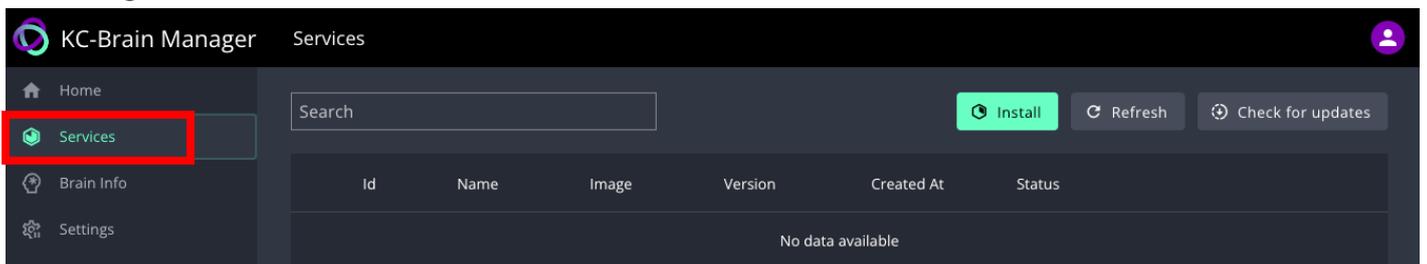
1. Open a browser and enter Brain <IP\_Address> in the URL.
2. Login in using the username and password (default kramer/kramer – the password can be changed).



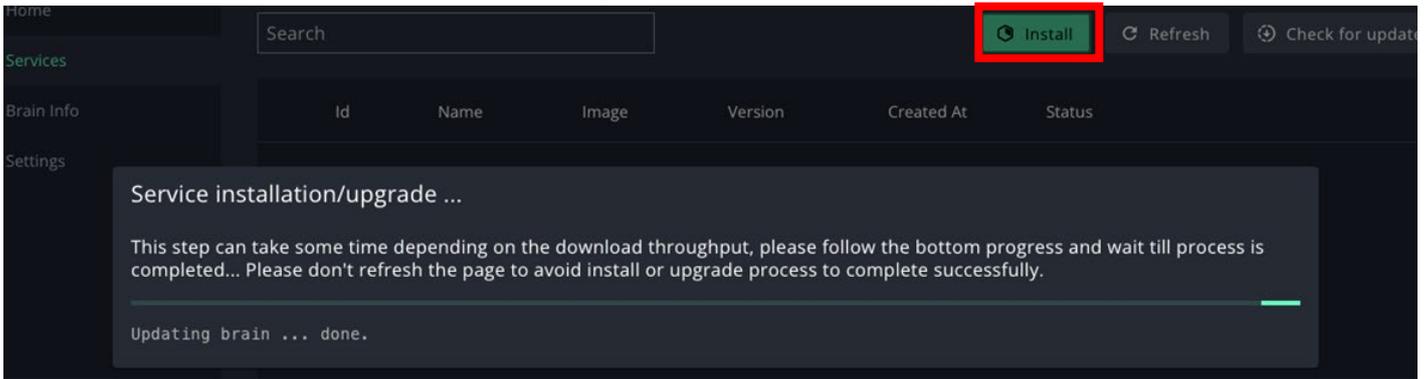
3. When opening a KC-Brain UI for the first time you will see this screen showing 0/0 docker services.



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



- Click **Install**, this downloads and installs the latest brain version on the unit and starts the Brain services licensed to the device (1 for KC-Virtual Brain 1).

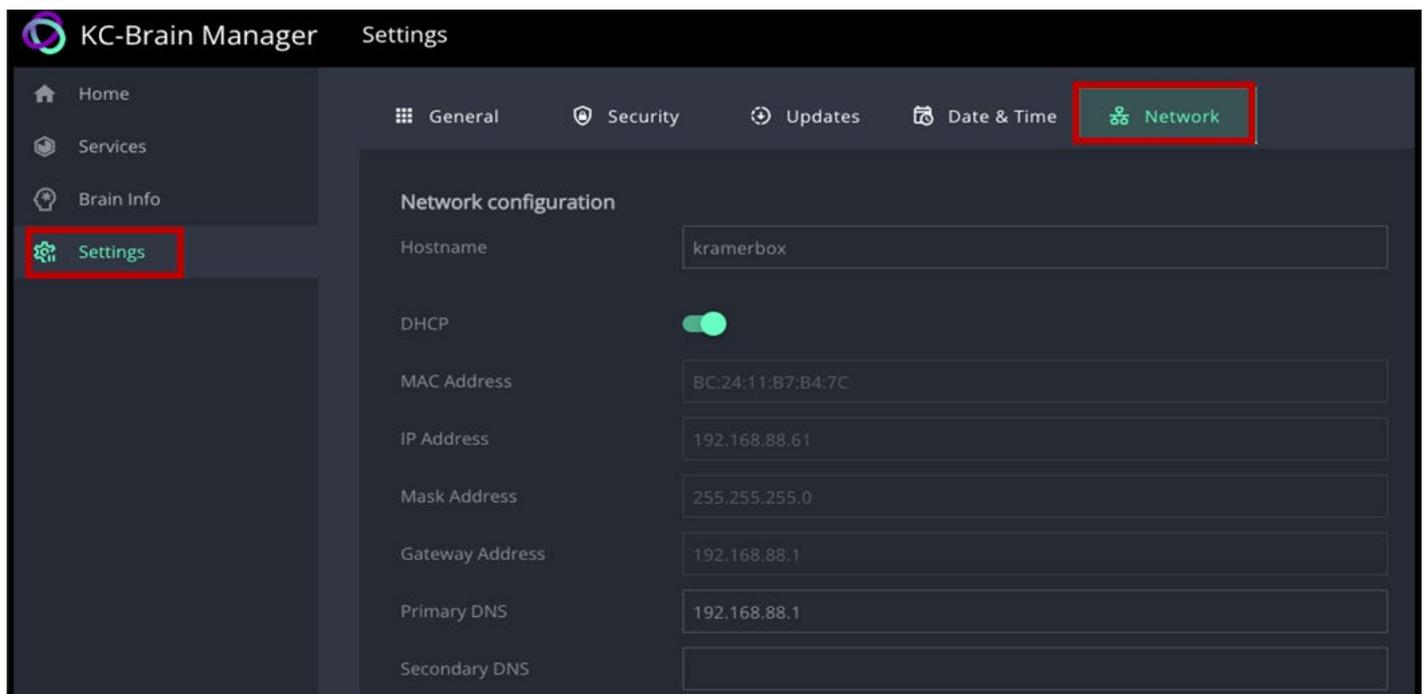


- Table data regarding the Brain, shows that the Brain has been successfully installed.

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

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

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



- To provision a Brain to a space, navigate to **Brain Info**, select the brain instance and click **Configuration**.

For more information, please refer to the **User Manual** for the KC-Virtual Brain 1 at [https://www.kramerav.com/product/KC-Virtual Brain 1](https://www.kramerav.com/product/KC-Virtual%20Brain%201).