Release Notes

Product Name: **KC-Virtual Brain1/5**

Current Version:

Type	Number	Date
OS	Ubuntu 22	23 May 2024
Software	-	-
Web	1.0.10	23 May 2024
Hardware	–	–

RN Date: 23 May 2024
Reference: 019711

Kramer Product Affected:

Product Name	Minimum FW Version for Upgrade	Recommended for All Units	Only if Added Features are Required
KC-Virtual Brain1	N/A	YES	N/A
KC-Virtual Brain5	N/A	YES	N/A

Summary:

- **This Update requires the Virtual Brain Devices to be Re-imaged**
    - See the Updating Instructions on page 3.
- Updating Operating system to Ubuntu 22
- Updating Docker manager with KC-Brain Manager

Codependency with Other Products and Software:

Product Name	Comments
Kramer Control	

KRAMER ELECTRONICS, Ltd.

E-mail: info@kramerav.com

Web: www.kramerav.com

Release Notes

Product Name:	**KC-Virtual Brain1/5**		
Current Version:	**Type**	**Number**	**Date**
	OS	Ubuntu 22	23 May 2024
	Software	-	-
	Web	1.0.10	23 May 2024
	Hardware	–	–
RN Date:	23 May 2024		
Reference:	019711		

New Features:

ID	New Features added
	Home page to Show system information
	Ability to start/stop/restart & Download logs for individual instances
	Existing Brain Info Page Functionality has been ported to KC-Brain Manager
	Viewing the log "tail" from the Brain info Diagnostics tab
	The ability to upgrade all brains simultaneously has been added
	Functionality for future remote support capabilities has been added.
	The Ability to restart and Re-deploy all services has been added
	Password Customization has been added
	Loading of SSL Certificate has been added
	Auto Update, Check for Update & Offline update capabilities has been added
	Date, Time & NTP configuration from the webpage
	Ability to configure Network Setting from webpage

Bugs to Fix in This Versions:

ID	Deferred Bug Description
	None listed

Bugs to Fix in Future Versions:

ID	Deferred Bug Description
	None listed

Known Limitations (including compatibility limitations):

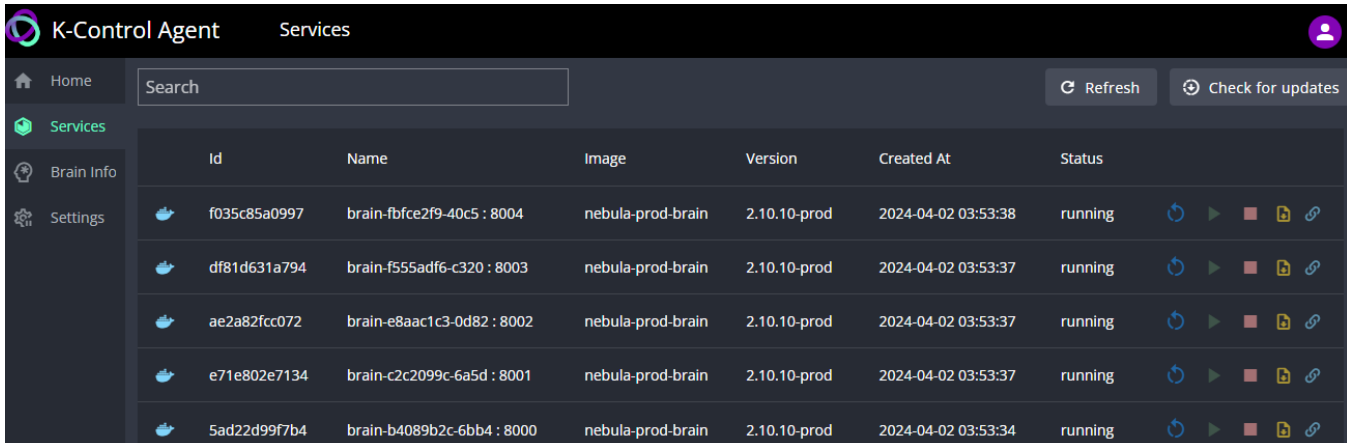| ID	Limitation Description
	Logs cannot be downloaded when physically accessing the device.

Release Notes

Updating Instructions

1. Open the KC-Virtual Brain Management pages:

   a) Locally, by connecting a mouse, keyboard and display to the **KC-Virtual Brain**.

   OR

   b) Remotely, by entering the device IP in a browser connected to the same network as the **KC-Virtual Brain**.

2. Log in (default password: kramer/kramer).

3. In the **Services** page, click **Check for updates** (top right of screen).

4. An **Upgrade all** button will appear next to Check for updates and an **Upgrade** button will appear at the end of each individual service's line in the display.

5. Click **Upgrade all** to implement the upgrade on all services or click **Upgrade** on the line to limit the upgrade to an individual service.

Preceding Version: 2.10.8

KRAMER ELECTRONICS, Ltd.

E-mail: info@kramerav.com

Web: www.kramerav.com

Release Note History

Product Name: **KC-Virtual Brain1/5**

Current Version:

Type	Number	Date
Firmware	–	–
Software	Kramer Control Brain Version 2.10.8	November 2023
Web	–	–
Hardware	–	–

RN Date: November 3, 2023

Reference: 019347

Kramer Product Affected:

Product Name	Minimum FW Version for Upgrade	Recommended for All Units	Only if Added Features are Required
KC-Virtual Brain1	N/A	Yes	N/A
KC-Virtual Brain5	N/A	Yes	N/A

Summary:

- Various Bugs were fixed.
- Kramer Control Brain updated to 2.10.8

Codependency with Other Products and Software:

Product Name	Comments
Kramer Control	

Release Note History

Product Name: **KC-Virtual Brain1/5, SL-240C & SL-280 Brainware 5, 25, 50**

Current Version:

Type	Number	Date
Firmware		–
Software	2.10.8	November 2023
Web	–	–
Hardware	–	–

RN Date: November 3, 2023
Reference: 019347

Bugs to Fix in This Versions:

ID	Deferred Bug Description
NEB-8399	Tapping or clicking on a slider that is set to "drag" does not send any command, it is expected to send a single command relative to the tapped/clicked location
NEB-8337	Tapping or clicking on a slider that is set to "release" would result in the command relative to the tapped/clicked position to be sent twice Brain
NEB-8326	Tapping of clicking on a button will result in the command to be sent twice.
NEB-8308	In certain scenarios the brain process would reach 100% CPU resulting in the brain process being restarted by the watchdog.
NEB-8300	K-Agent & IOS app would display a white screen when syncing with the brain after reboot or when there is no connection to the brain
NEB-8293	The Kramer logo did not correctly display footer of the Brain UI page.
NEB-8367	Slow feedback response from TCP devices compared to previous versions.

Preceding Version: 2.10.6