EZ-USB™ GX3 driver

Installation guide

About this document

Scope and purpose

This document provides detailed information on the installation and uninstallation of the EZ-USB™ GX3 Mac OS 11 driver. The following sections provide step-by-step information on how to install the driver, and verify the version number of the driver installed. The document also explains the steps required to enable the GX3-based Ethernet network and configure it on the Mac OS.

Intended audience

This guide is intended for customers using EZ-USB™ GX3.

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1 Driver installation procedure

1. Download the GX3 driver for Mac OS from **www.infineon.com/gx3software**. Unzip the package into a folder.
2. The GX3 Mac OS driver installation package is **Gx3_USB_Ethernet_Device_Installer_v1.3.0.dmg**.
3. When you double-click the **Gx3_USB_Ethernet_Device_Installer_v1.3.0.dmg** file, a virtual disk named **Gx3 USB to Ethernet Device Installer** appears on the desktop as shown in **Figure 1**.

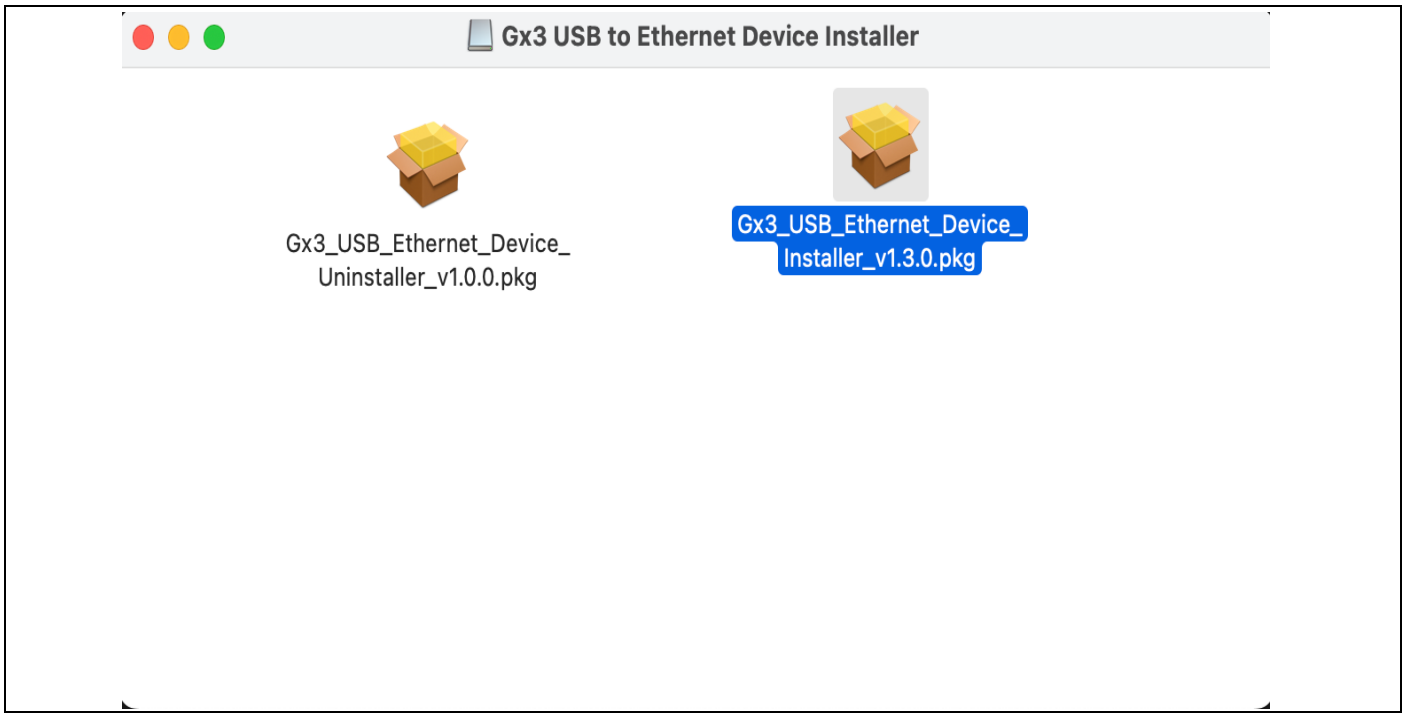

Figure 1 Virtual disk Gx3 USB to Ethernet device installer

4. Double-click the Gx3_USB_Ethernet_Device_Installer_v1.3.0.pkg. A security message may pop up as shown in **Figure 2**. Click **OK** and open the security preferences to allow software installation.

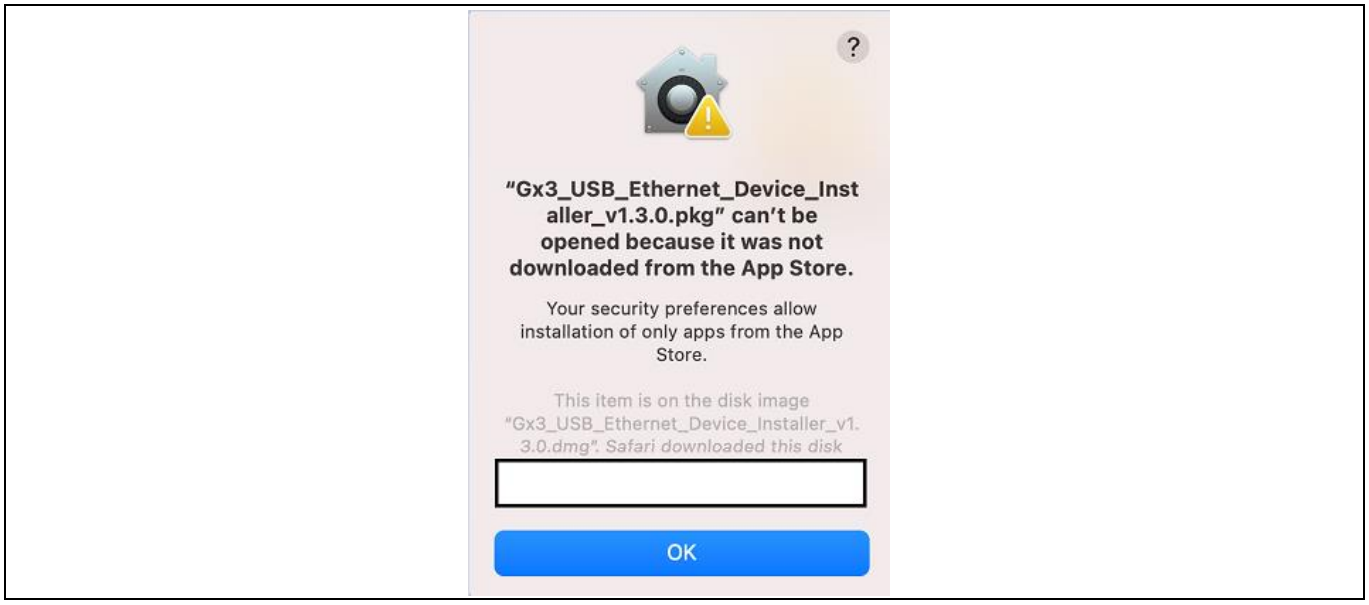

Figure 2 Security message blocking installation

Once the **Gx3_USB_Ethernet_Device_Installer_v1.3.0.pkg** is opened, a driver setup dialog box pops up as shown in **Figure 3**. Click **Continue** to start the installation process, and follow the instructions.

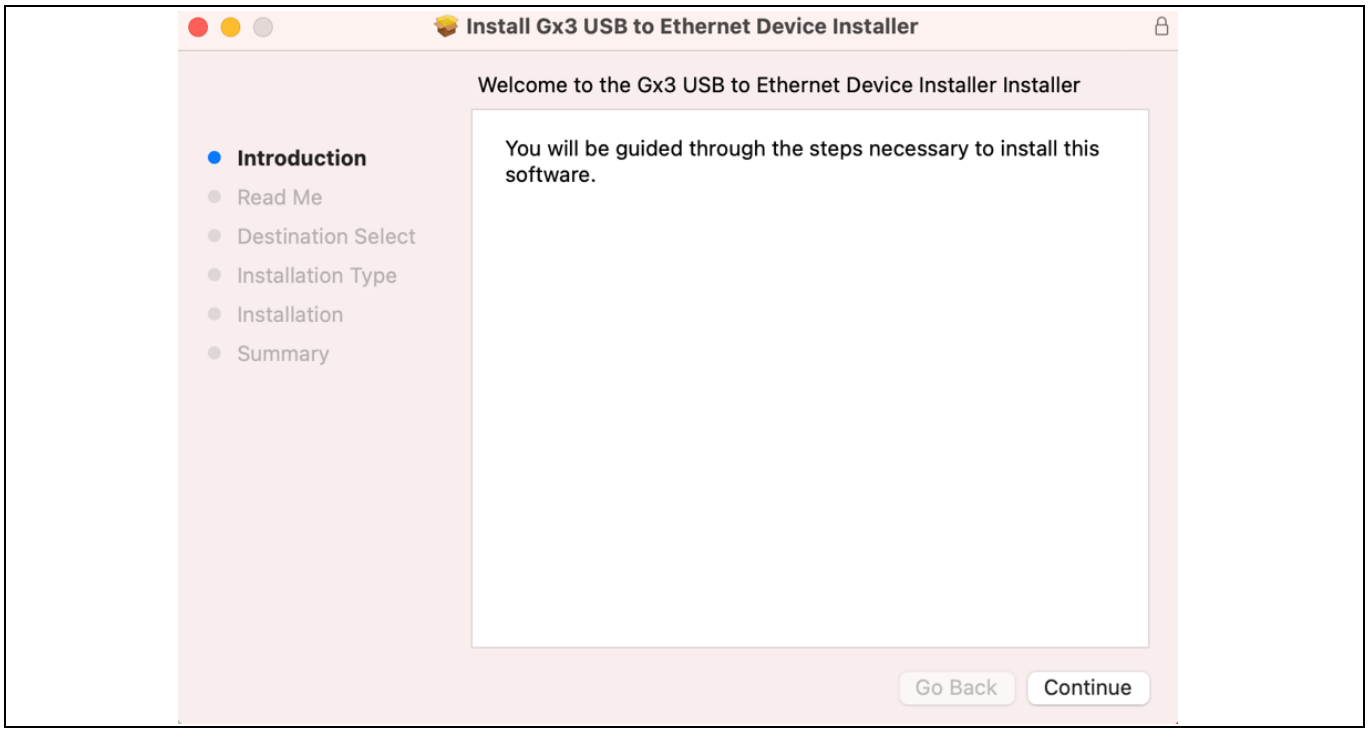

Figure 3 Driver Installation Dialog box

5. The **Read Me** dialog box provides instructions to be followed after the installation process. Click **Continue** to continue the installation process as shown in **Figure 4**.

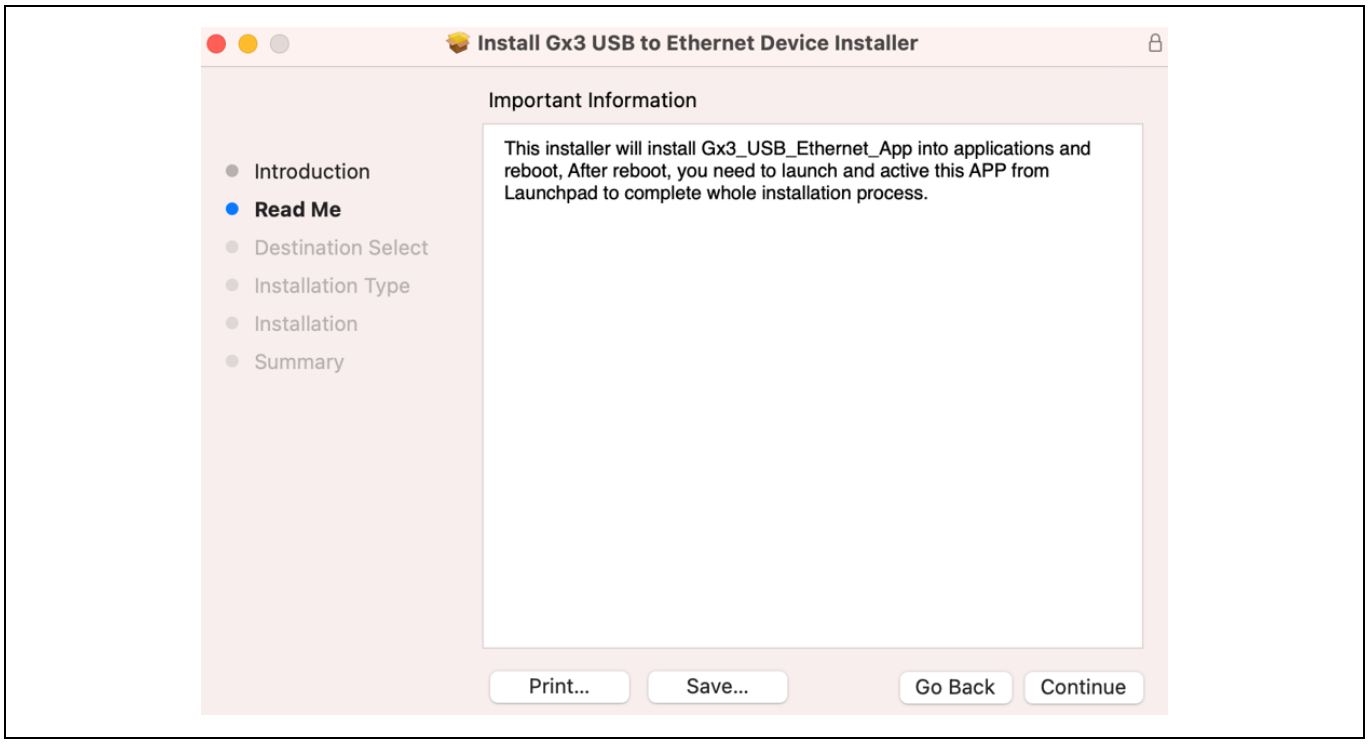

Figure 4 Read me dialog box

6. In the **Installation Type** tab, click **Install** to continue the installation process as shown in **Figure 5**.

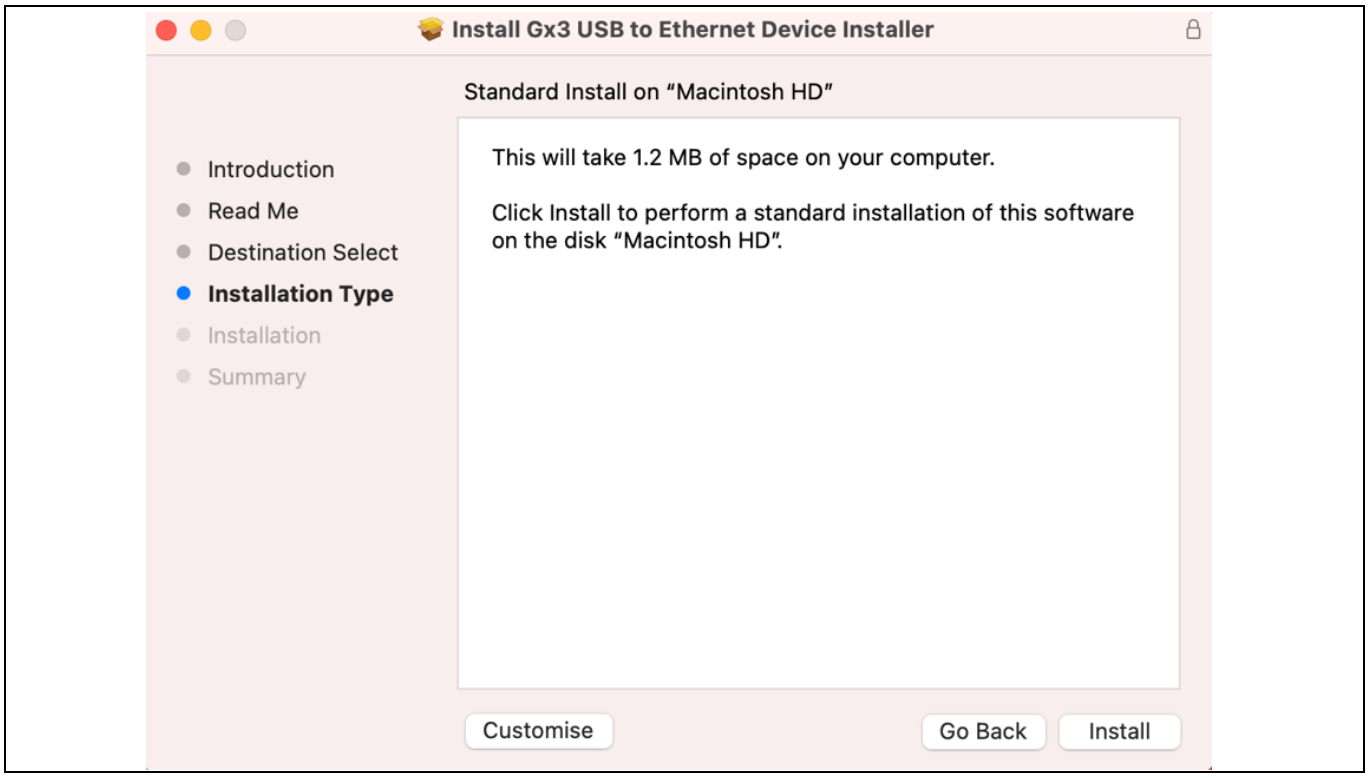

Figure 5 User permission before installation

7. When you click Install, you may be prompted to enter the password as shown in **Figure 6**. Enter the username, password, and click **Install Software**.



Figure 6 Password dialog

8. Once the Installation is complete, a notification dialog pops up as shown in **Figure 7**. Click **OK** to close the notification dialog box.

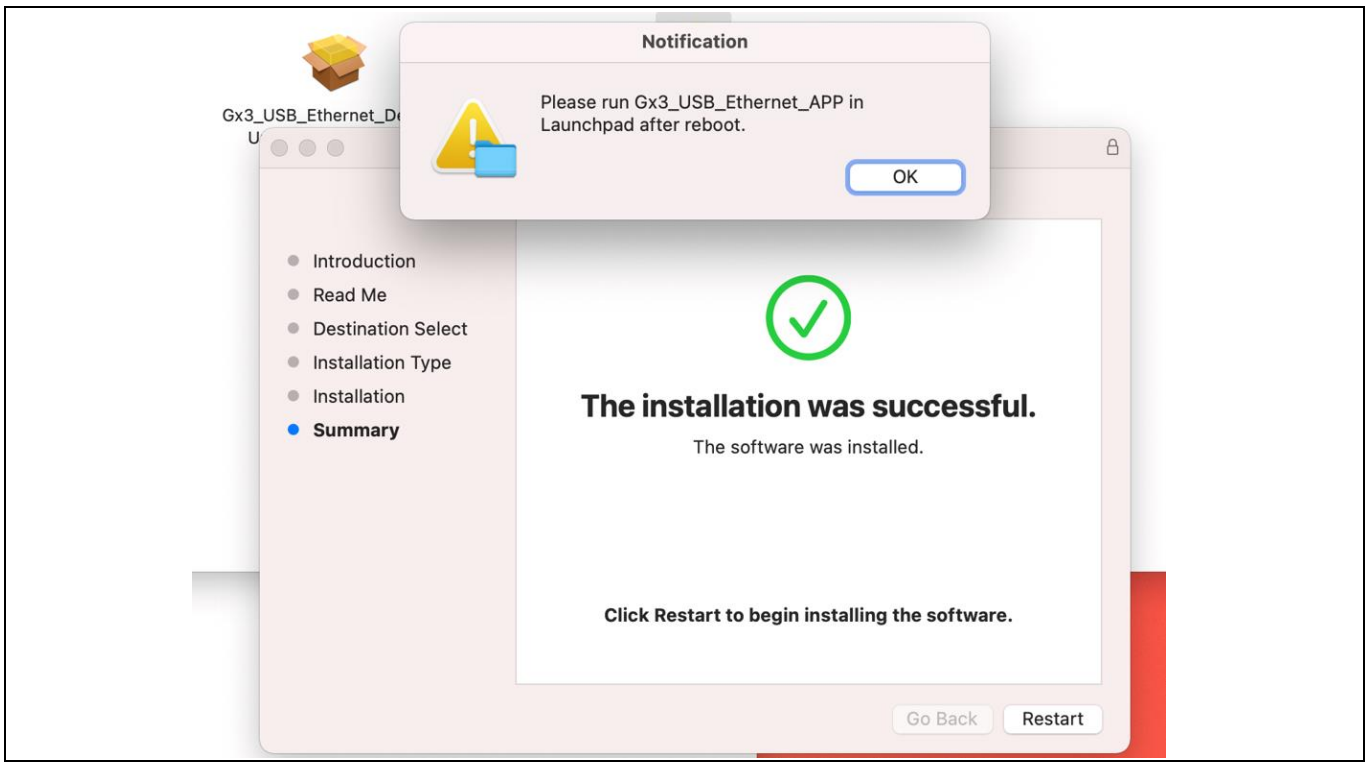

Figure 7 Notification Dialog Box

9. Click **Restart** as shown in **Figure 8**.

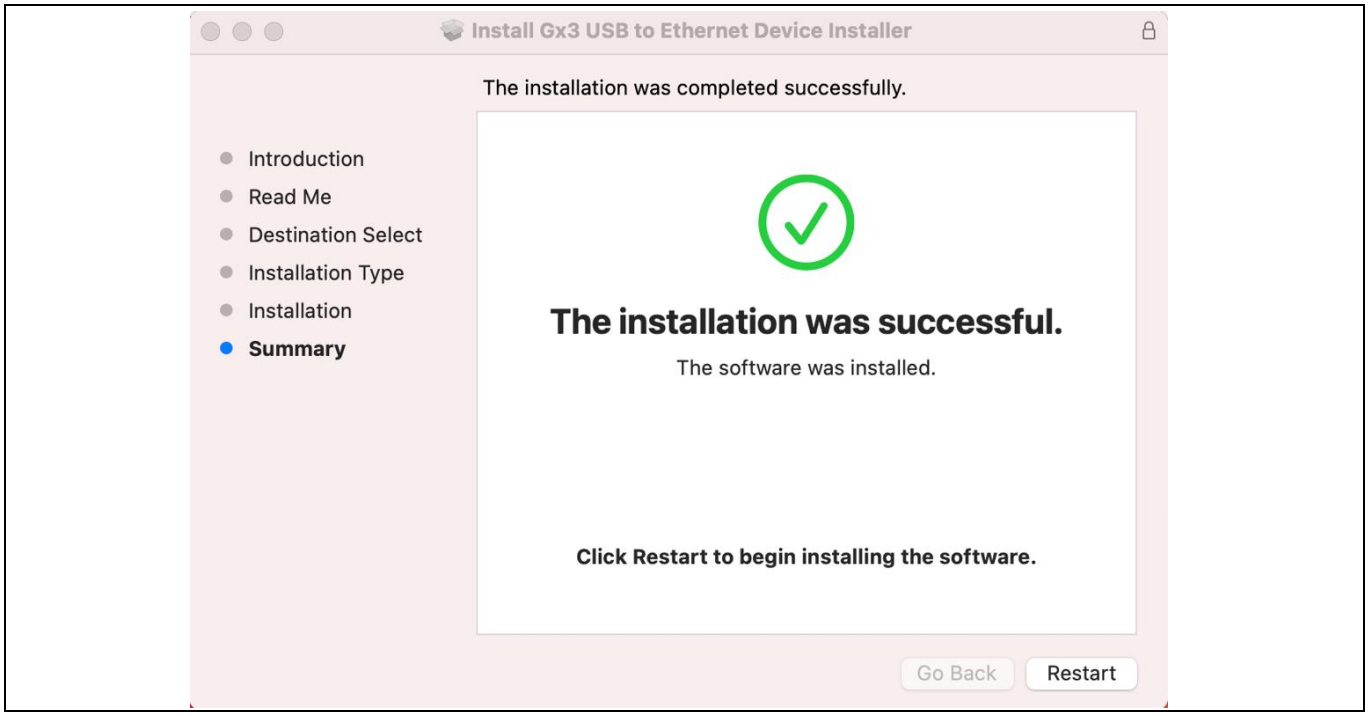

Figure 8 System Restart

10. After system reboot, go to **Applications** and open the installed application, that is *Gx3_USB_Ethernet_App,* as shown in **Figure 9**.

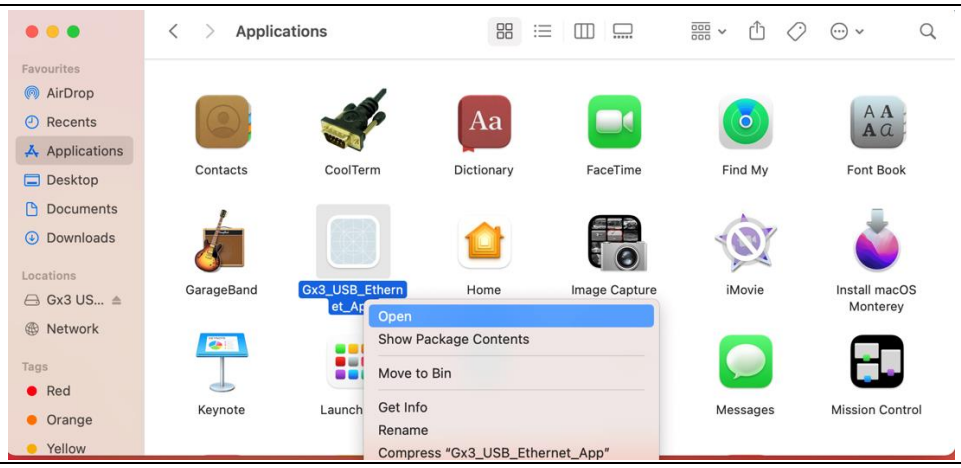

Figure 9 Opening Gx3_USB_Ethernet_App

If a **System Extension Blocked** message pops up as shown in **Figure 10**, follow steps 11-14, and then re-launch the Gx3_USB_Ethernet_App.

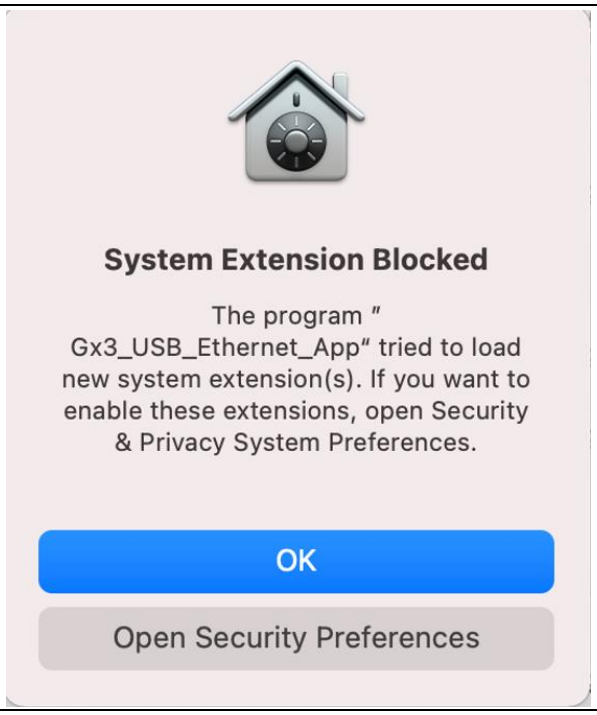

Figure 10 System Extensions Blocked

11. Click on **Open Security Preferences** shown in **Figure 10.**

12. The **Allow** option in the bottom right corner is disabled as shown in **Figure 11.**

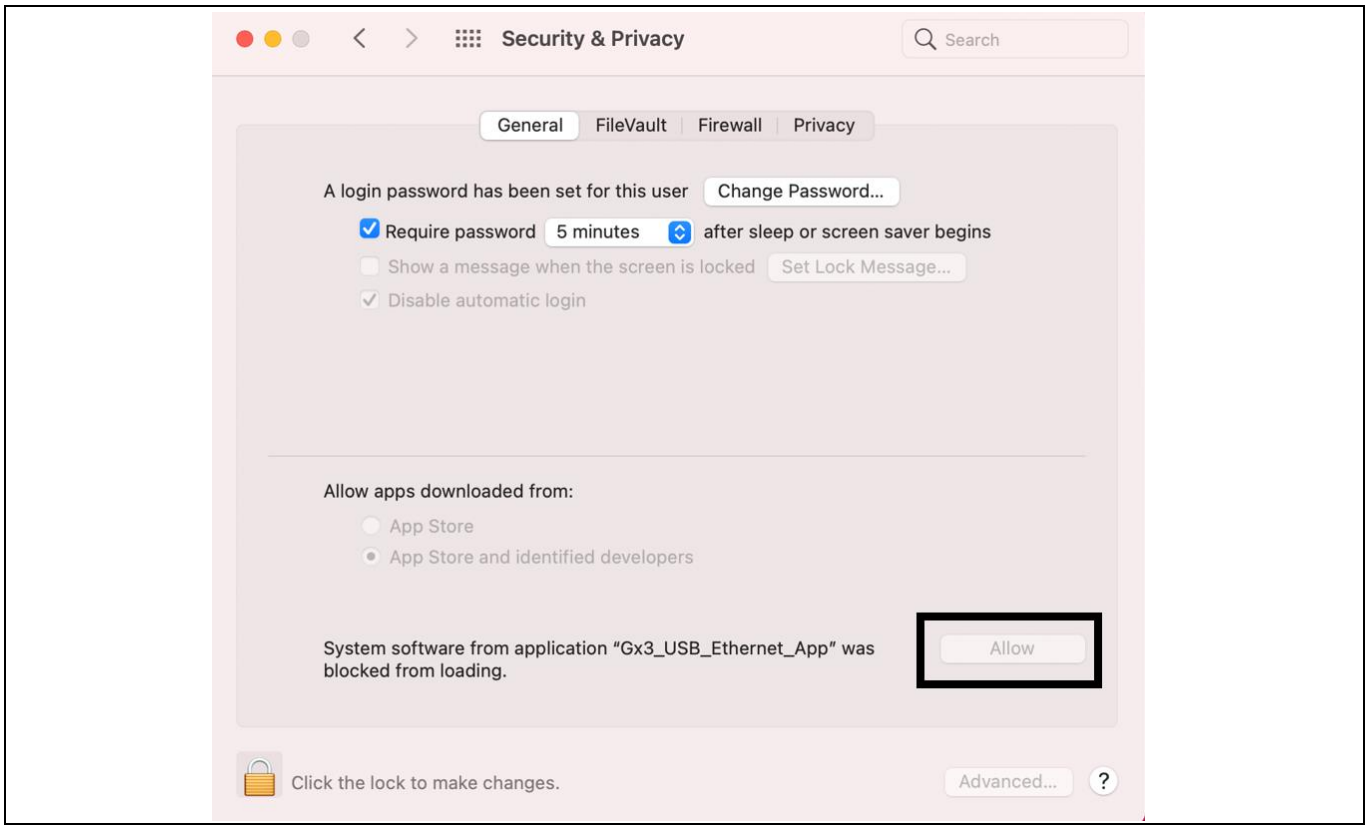

Figure 11 Security Preferences (Allow option Disabled)

13. Click on the lock in the left corner to enable the **Allow** option. This will prompt you to enter the password as shown in **Figure 12.**

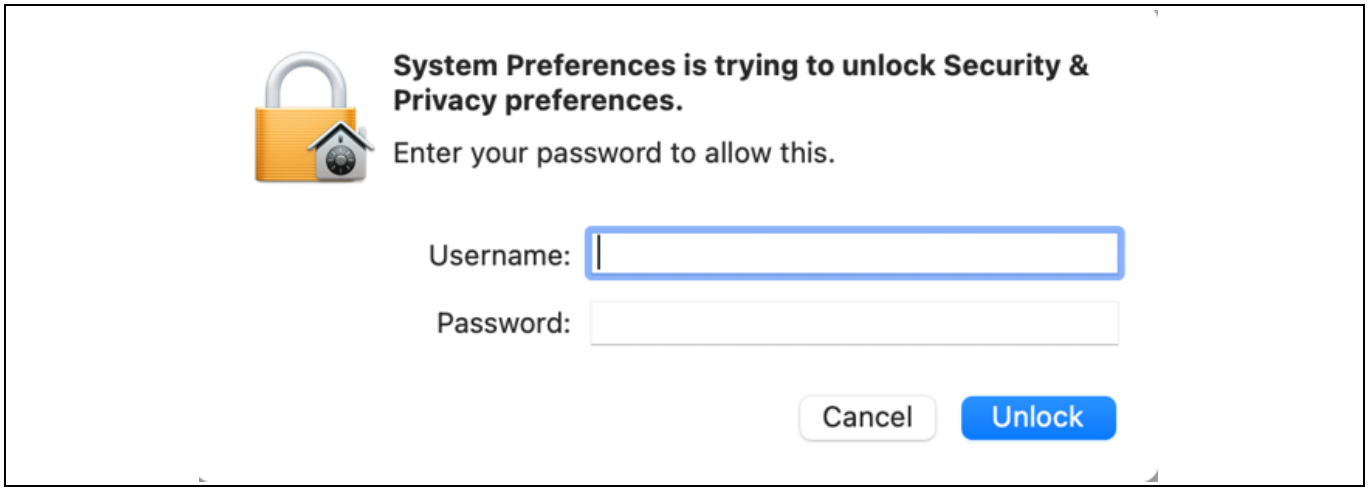

Figure 12 Password dialog

14. Now, the **Allow** option is enabled as shown in **Figure 13**.

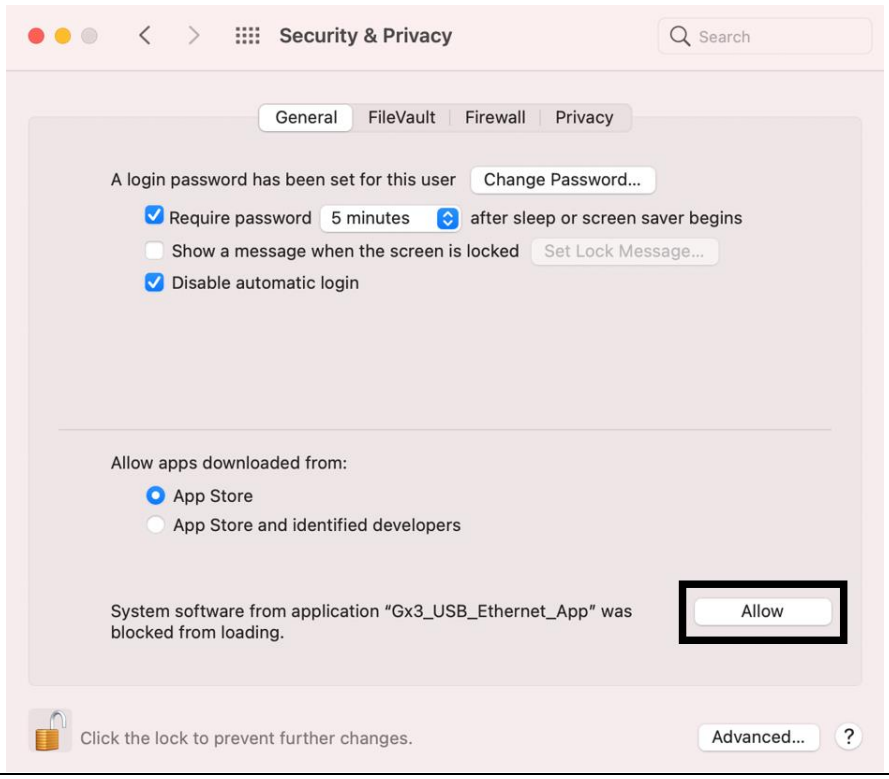

Figure 13 Security Preferences (Allow option Enabled)

Click **Allow** and then run the Gx3_USB_Ethernet_App.

15. Once the application opens, click **Activate Button** to activate the driver as shown in **Figure 14.**

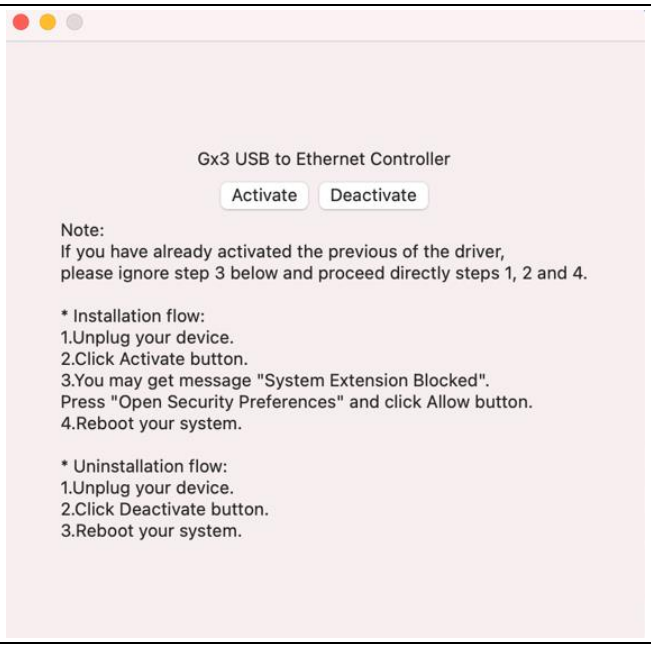

Figure 14 Driver Activation

16. After clicking **Activate**, reboot the PC. Once the PC restarts, connect the GX3 device to the Mac PC.

17. Open the **System Information** and refer to the details as shown in **Figure 15**. Please check whether the driver is properly installed by following steps 18 and 19.

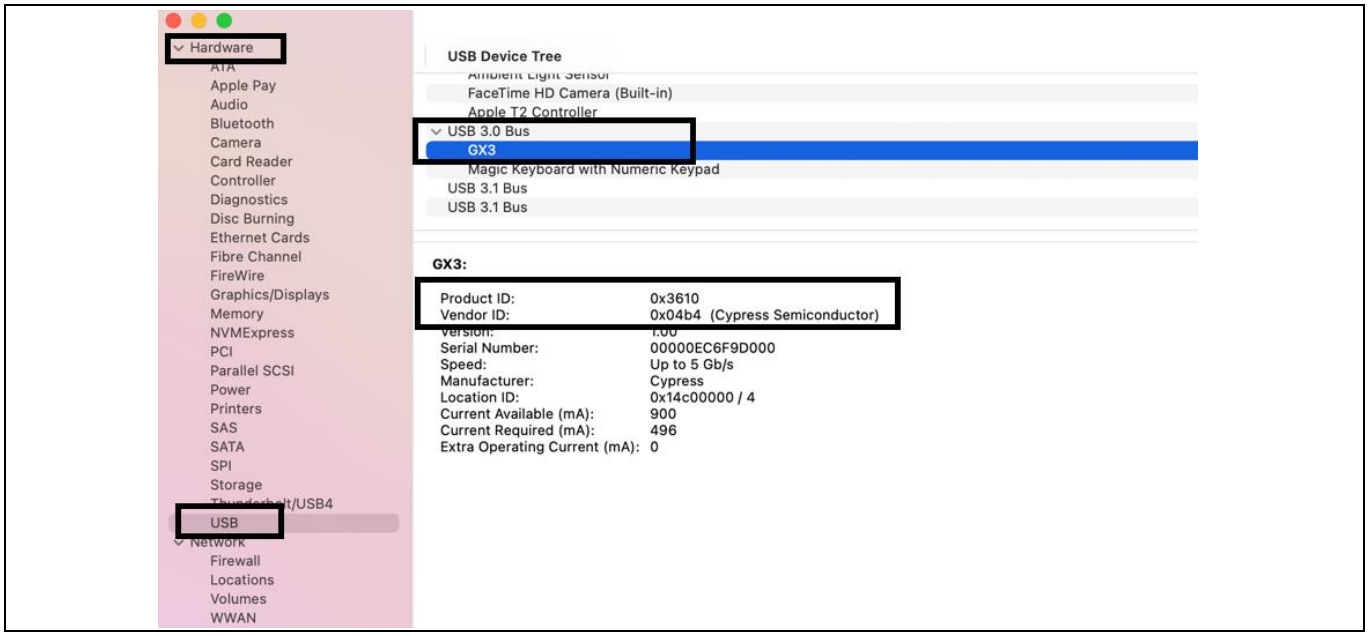

Figure 15 GX3 System Information

18. Open **Network Settings** as shown in **Figure 16** and confirm that GX3 is connected as shown in **Figure 17**.

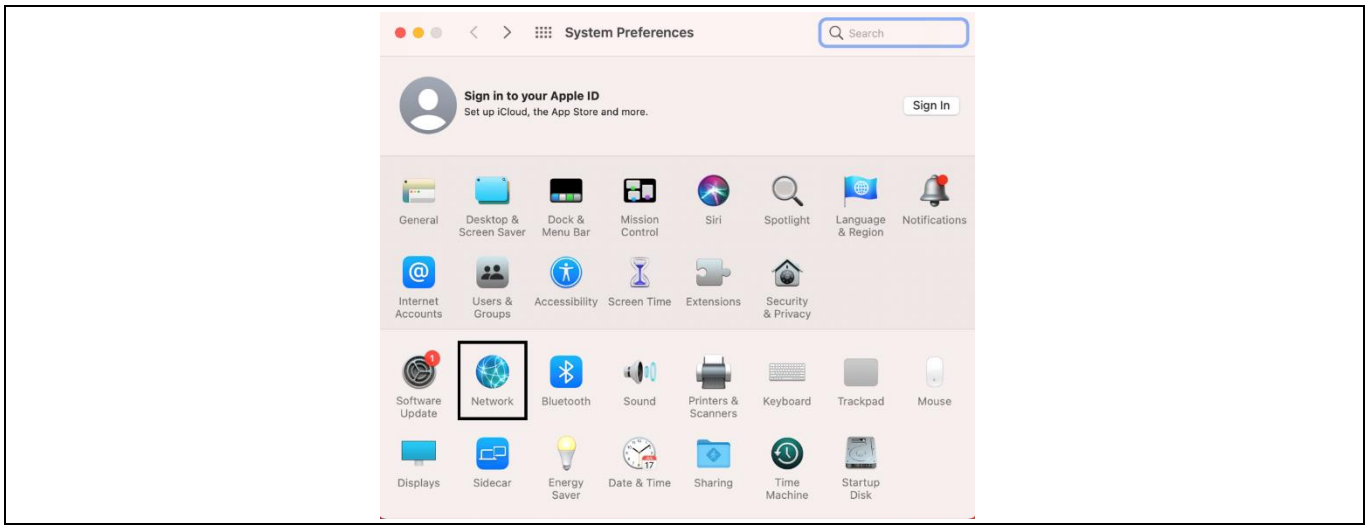

Figure 16 Network settings

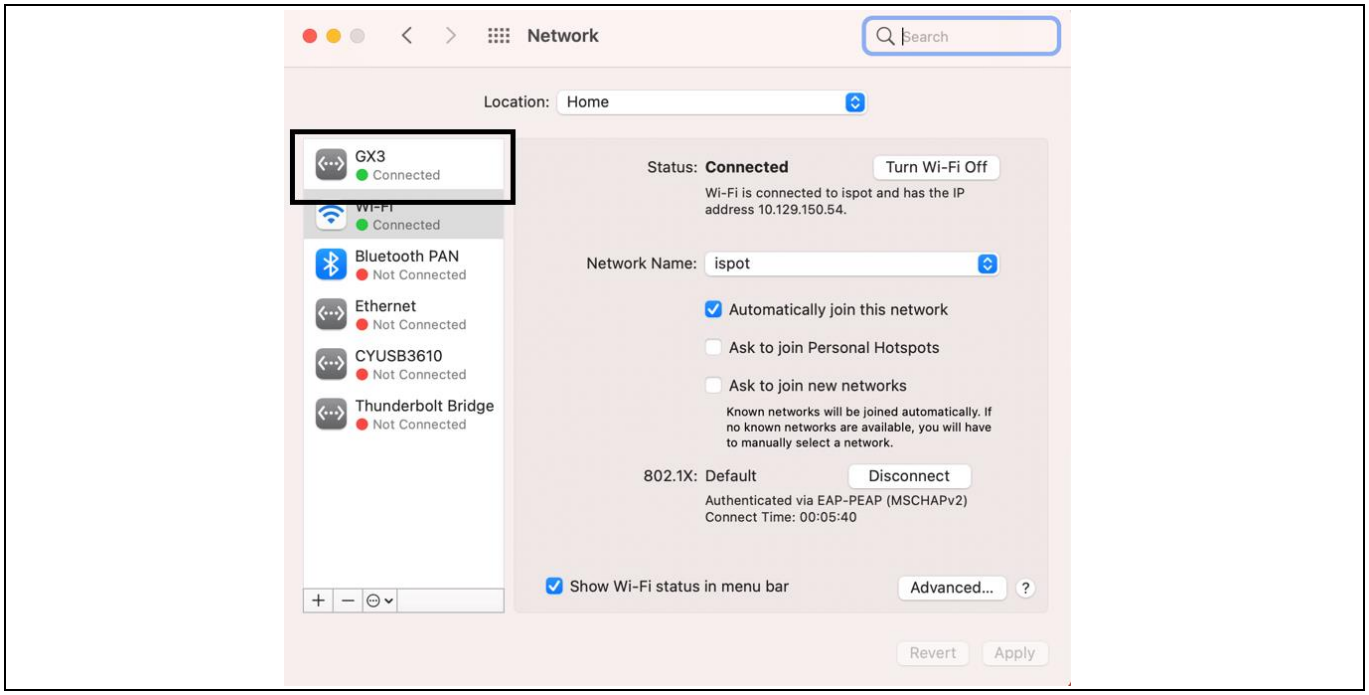

Figure 17 GX3 connection status

19. Open the terminal and run the command **systemextensionsctl list.** The result should be same as shown in **Figure 18**.

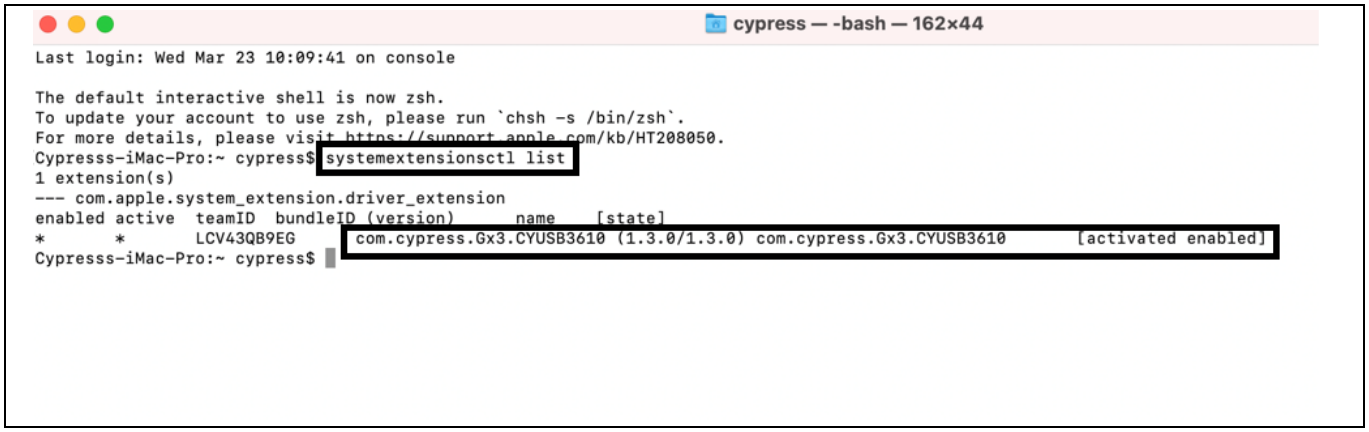

Figure 18 Running the command in the Terminal

2 Driver uninstallation procedure

The GX3 Mac OS driver can be uninstalled using the application **Gx3_USB_Ethernet_App,** which was installed by the installer package. Follow these steps to uninstall the driver:

1. Open the Gx3_USB_Ethernet_App
2. Unplug the GX3 device from the PC
3. Click on **Deactivate** in **Gx3_USB_Ethernet_App** to deactivate the driver.
4. Reboot the PC

After the PC restarts, connect the GX3 device and **Open Network** settings. The GX3 device can be seen as disconnected in the network settings as shown in **Figure 19**.

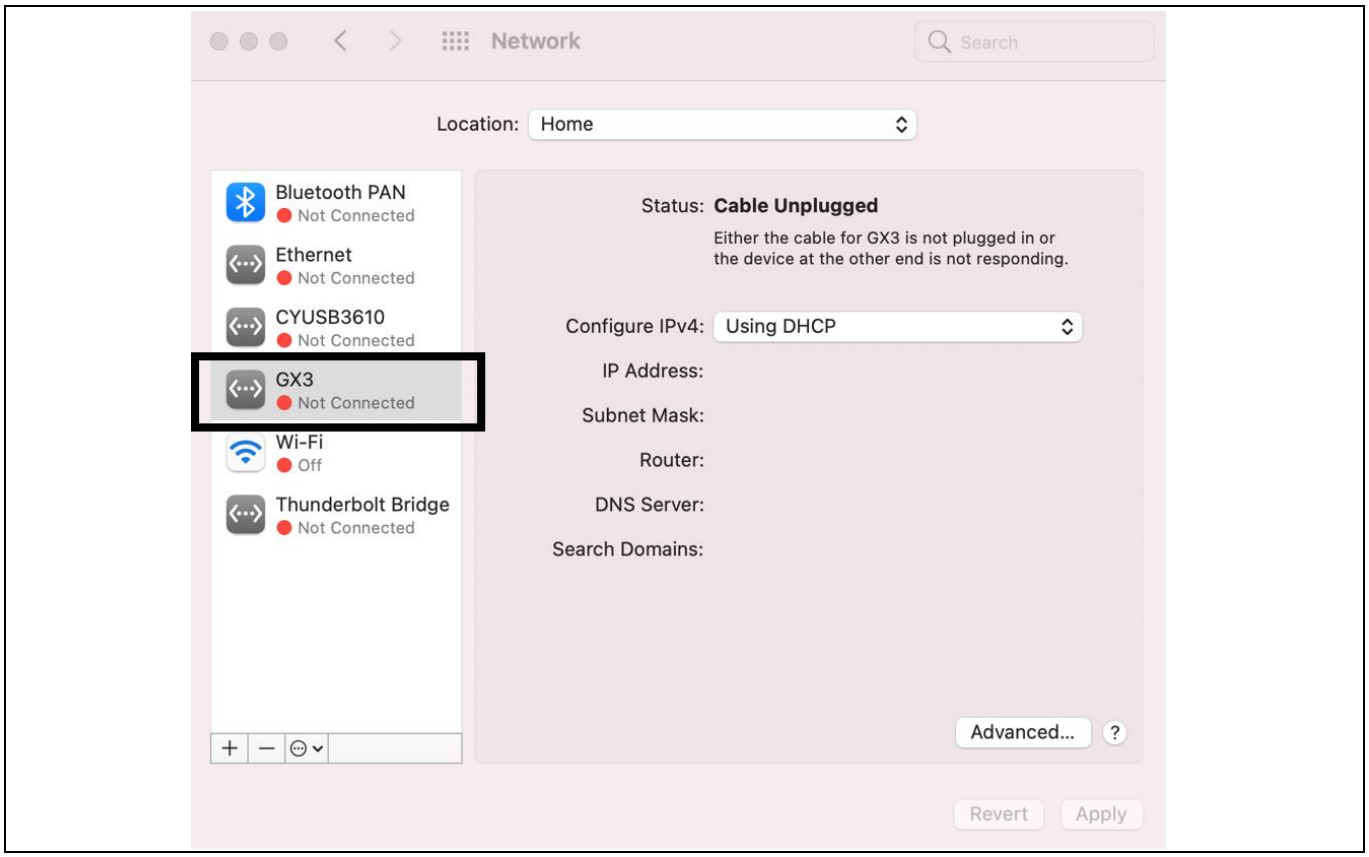

Figure 19 GX3 device disconnected

The **Gx3_USB_Ethernet_Device_Uninstaller_v1.0.0.pkg** inside **Gx3_USB_Ethernet_Device_Installer_v1.3.0.dmg** can be used to remove the installed application (Gx3_USB_Ethernet_App) from the **Applications** directory.

Follow these steps to remove the Gx3_USB_Ethernet_App from the **Applications** directory:

1. Open the **Gx3_USB_Ethernet_Device_Uninstaller_v1.0.0.pkg**. This opens the **Uninstaller** dialog box as shown in **Figure 20.** Click on **Continue.**

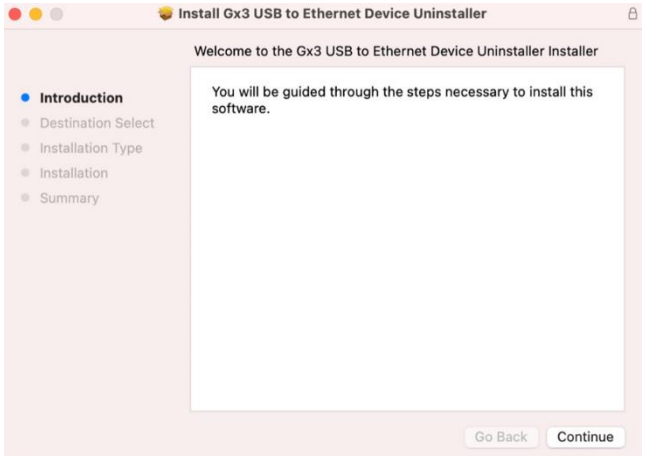

Figure 20 Uninstaller Dialog

2. Click on **Install** as shown in **Figure 21**. You may be prompted to enter the password.

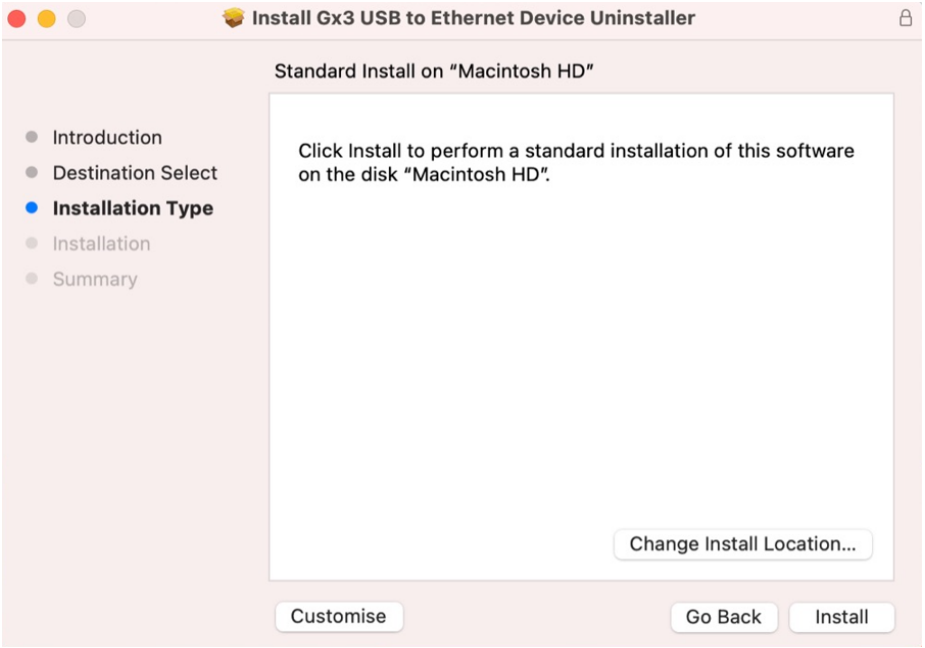

Figure 21 User permission before uninstallation

3. After the password is entered, the application will be uninstalled completely and the dialog shown in **Figure 22** appears.

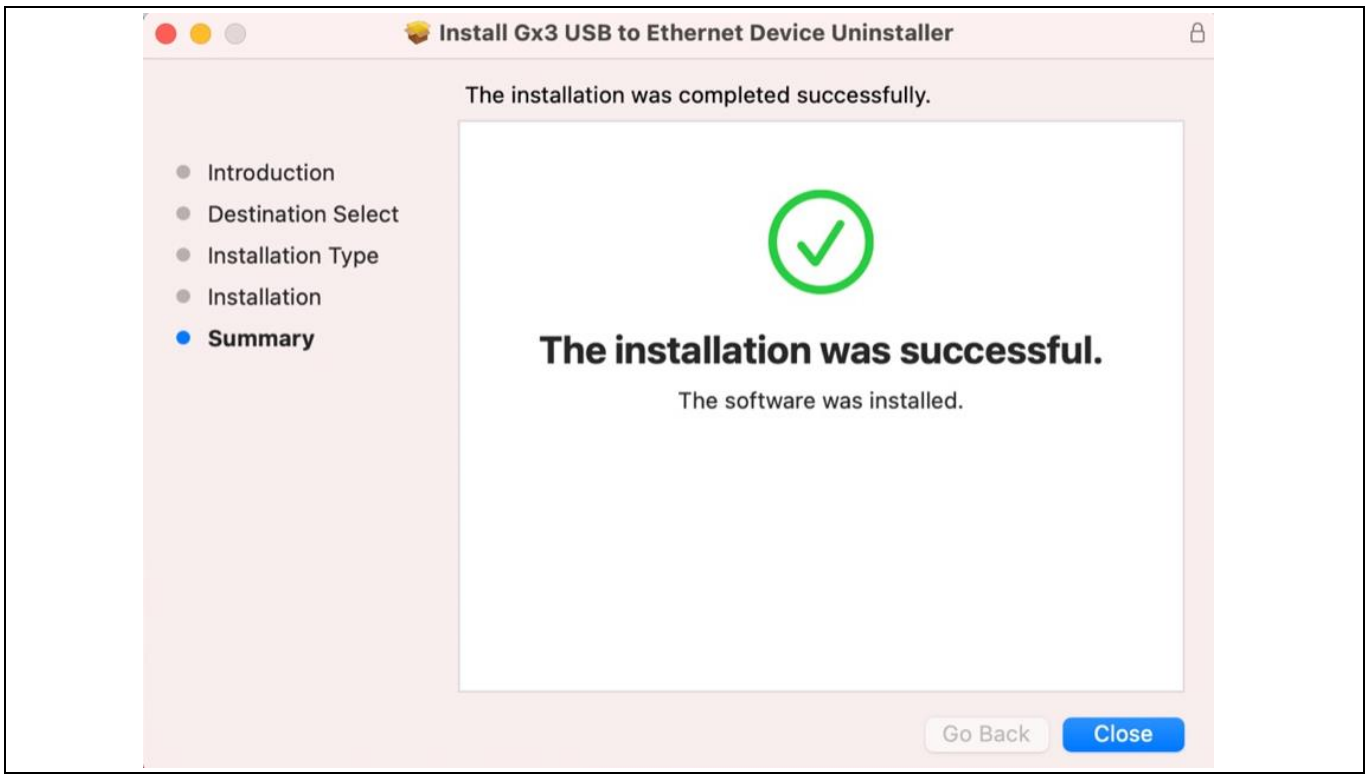

Figure 22 Application uninstalled successfully

Revision history

Major changes since the last revision

Date	Version	Description
**	2022-06-30	New installation guide.
*A	2022-08-11	Updated **Figure 1**. Updated copyright.

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