



MCU Upgrade Required

After GV-APOE4813 Firmware Upgrade to V1.03

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1. Applied To

- GV-APOE4813 with firmware earlier than V1.03

2. Introduction

After upgrading the GV-APOE4813 firmware to V1.03, it is required to upgrade the MCU (Microcontroller Unit) of the PoE switch to V1.2.0.

This technical notice provides step-by-step instructions for upgrading the MCU.

IMPORTANT: Do not disconnect power or network connections during the firmware or MCU upgrade processes.

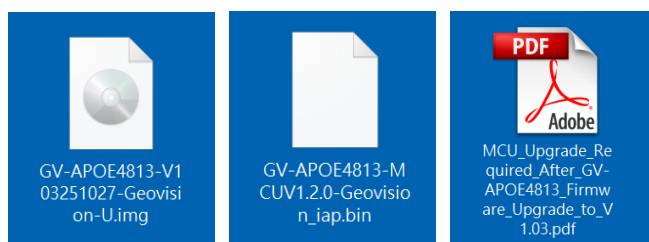


3. Upgrading the MCU

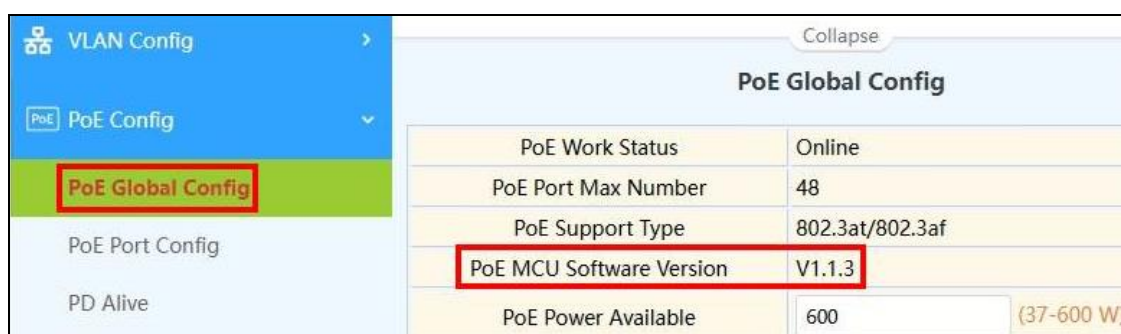
To upgrade the MCU, follow the steps below.

1. After downloading the latest GV-APOE4813 firmware package from the [GeoVision Website](#), extract it to access the following files:

- **GV-APOE4813 V1.03 firmware: V103251027 (.img)**
- **MCU Upgrade file: MCV1.2.0-Geovision_iap.bin**
- **This Guide (.pdf)**



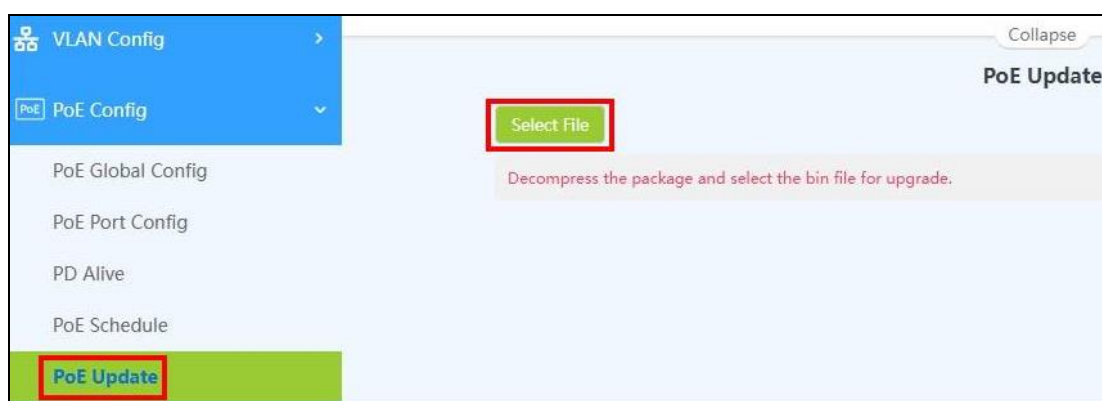
2. Log in to the GV-APOE4813 Web interface, and upgrade the firmware to the latest version. For instructions, see *Updating Firmware* in the GV-APOE4813 Installation Guide.
3. Log in to the switch again after the firmware upgrade.
4. Go to **PoE Config > PoE Global Config**, and check the **PoE MCU Software Version**. If it is V1.2.0, then it is not required to upgrade the MCU. If it is V1.1.3 or earlier, continue the steps below.



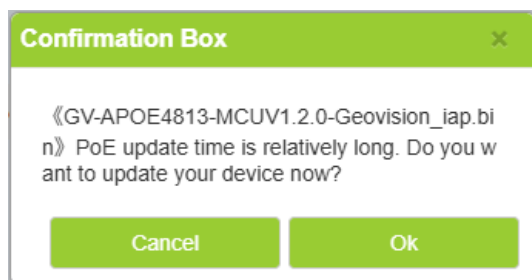


5. Go to **PoE Config > PoE Update**, and click **Select File**. Locate and select the **MCU Upgrade file** listed in Step 1, and then click **Open**.

IMPORTANT: Upgrading to firmware V1.03 or later is required for the PoE Update page to appear under the PoE Config menu.



6. Click **OK** to start upgrading the MCU.

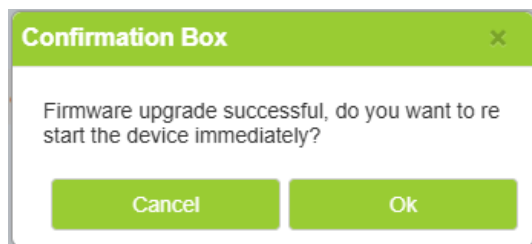


IMPORTANT: MCU upgrade takes approximately 15 to 20 minutes. During the upgrade:

1. Do not disconnect power or network connections.
 2. Do not close your Web browser, or the upgrade will fail and you will need to repeat the process.
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7. After the MCU upgrade is complete, click **OK**, and then the device will automatically reboot.



8. After the device has rebooted, you will be returned to the login page. You can now log in to the switch again.

Go to **PoE Config > PoE Global Config**, and check the **PoE MCU Software Version**. If it is V1.2.0, then the MCU upgrade is successful.

VLAN Config >

PoE PoE Config >

PoE Global Config

PoE Port Config

PD Alive

Collapse

PoE Global Config

PoE Work Status	Online
PoE Port Max Number	48
PoE Support Type	802.3at/802.3af
PoE MCU Software Version	V1.2.0
PoE Power Available	600 (37-600 W)