



MCU Upgrade Required

After GV-APOE081C Firmware Upgrade to V1.01

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1. Applied To

- GV-APOE081C with firmware earlier than V1.01

2. Introduction

After upgrading the GV-APOE081C firmware to V1.01, it is required to upgrade the MCU (Microcontroller Unit) of the PoE switch to V1.1.0.

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-APOE081C firmware package from the [GeoVision Website](#), extract it to access the following files:

- **GV-APOE081C V1.01 firmware: V101250816 (.bin)**
- **MCU Upgrade file: MCVU1.1.0-Geovision-U.bin**
- **This Guide (.pdf)**



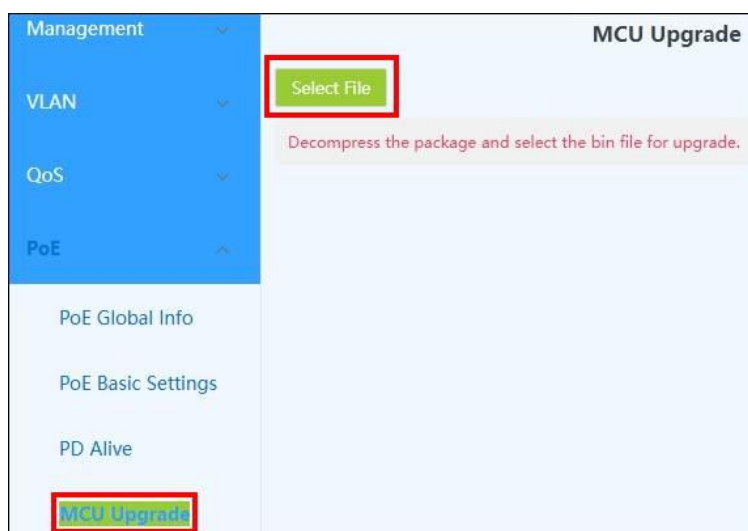
2. Log in to the GV-APOE081C Web interface, and upgrade the firmware to the latest version. For instructions, see *Updating Firmware* in the GV-APOE081C Installation Guide.
3. Log in to the switch again after the firmware upgrade.
4. Go to **PoE > PoE Global Info**, and check the **Software Version**. If it is V1.1.0, then it is not required to upgrade the MCU. If it is V1.0.2 or earlier, continue the steps below.

| Management | PoE Global Info | |
|------------|-----------------------|-----------------|
| VLAN | PoE Hardware Version | V1.0 |
| QoS | PoE Work Status | Normal |
| PoE | PoE Support Type | 802.3af/802.3at |
| | PoE Consumption Power | 0W |
| | PoE Port Number | 8 |
| | PoE Total Power | 120W |
| | PoE Voltage | 53V |
| | Software Version | V1.0.2 |



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

IMPORTANT: Upgrading to firmware V1.01 or later is required for the MCU Upgrade page to appear under the PoE menu.



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

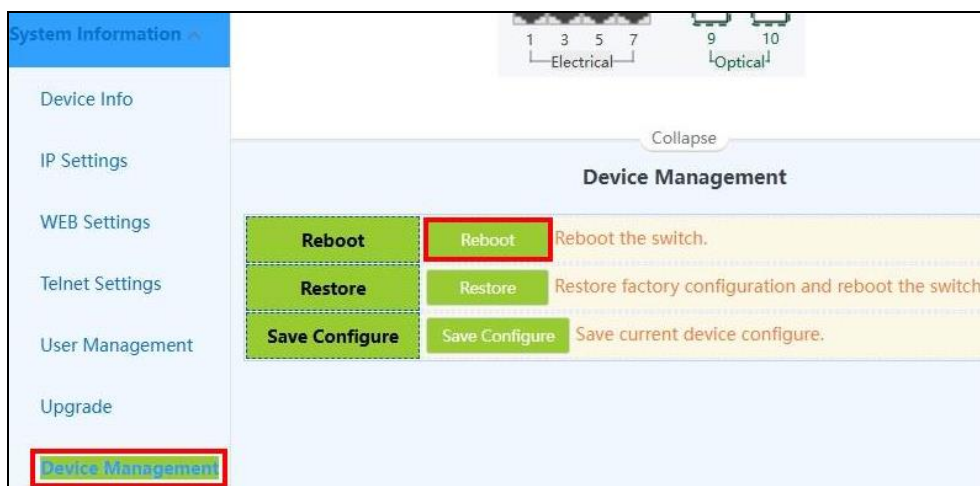
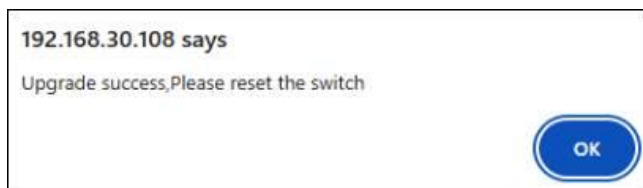


IMPORTANT: MCU upgrade takes approximately 15 to 20 minutes. During the upgrade:

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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- After the MCU upgrade is complete, click **OK**, and then go to **System Information > Device Management** to reboot the device.



- 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 > PoE Global Info**, and check the **Software Version**. If it is V1.1.0, then the MCU upgrade is successful.

