

# SFC400GM Firmware Upgrade Guide From V1.x to SONOS V2.4.0.2 Fixed Firmware

\*\*\* Notes: Previous settings will be initialized, so please check the existing settings and back up before upgrade. \*\*\*

## 1. Firmware Information

- Product Model: SFC400GM
- Firmware version: SONOS\_2.4.0.2
- Firmware file name: SFC400GM
- Firmware file hash value (SHA512):  
D32BC54C405CD6D7A404706F8A30692AF067440E3BD9D55F4593180070CAFF4B0D1843EE371AD5B3B1650F31F966CC380C708596ED0D9A6E1E02C00E1B1C4C63
- Image integrity check hash value (SHA256):  
4C88C038FA31BCB84CF35537AE0D218E5815A602857EF5C1D0019CA241265DFE

## 2. Improvements (common)

- Improved initial boot log and boot time.
- Improved CLI commands to Cisco-Like CLI format.
- Supports Dual S-Ring. (SFC8000xx, SFC4500xx, SFC450xx)
- SFP Full-Auto support. (A function that automatically sets the optical SFP speed (HCD) using information from the SFP module)
- Improved PoE stability and compatibility.
- Improved web page design and operation.
- Provides L3 Static Routing function. (Disabled by default)
- Connect to the device via basic SSH and HTTPs (443) (automatic redirection from http).
- Improved with integrated SONOS (Soltech One Network Operating System) structure.

## 3. Upgrade information

- Fixed general image for field use: Required image (bootloader + firmware) for upgrading the product from existing firmware 1.x to SONOS 2.x
- You must upgrade to the fixed firmware image corresponding to the installed product model only.
- In the case of PoE products, proceed after checking whether upgrade is possible (For Soltech Co., Ltd. KC certified products like SFC8000-4P, SFC400HP, SFC450HP SONOS are not applicable, so check product label.)
- After upgrading, previous settings will be initialized, so check and back up existing settings. (Proceed after removing one uplink if any redundancy protocol like S-Ring, ERPS, STP, RSTP, MSTP is configured.)
- Avoid disconnecting the power during upgrade and automatic rebooting (time required: approximately 5 to 6 minutes)
- On web browser, open <https://192.168.10.100> and click 'Advanced', and then click 192.168.10.100 to continue at the bottom. If login window appears, enter default username "admin" and password "admin".
- After logging in, proceed with function settings again by referring to previous settings data. (Existing version 1.x backup files cannot be uploaded directly.)
- Reconnect removed uplink if redundancy like S-Ring, ERPS, STP, RSTP, MSTP is configured.
- After upgrading, if the PoE function does not work, turn the switch off and on and check the PoE status.
- If 'PoE not available – No PoE chip found' is displayed in Port Status on the Monitor>PoE screen, it is an older product and click 'Activate Alternate Image' on the Maintenance>Software>Image Select screen to operate with the existing firmware.