

## Upgrade KGS-510F Firmware Version 1.2x to Enhanced Version 1.3x

### Introduction

This documentation describes the steps of installing KGS-510F firmware enhanced version 1.3x, which is featured 802.1x function and configuration backup/restore function.

### Condition

To start the installation, the following files are required:

1. “**KGS-510F v1.2xU.WRP**” file (firmware binary file)

This version is used for the device which is running firmware v1.2x currently.

2. “**KGS-510F v1.3x+.WRP**” file (firmware binary file)

This version is featured 802.1x function and configuration backup/restore function.

3. License Key number

One unique key number is provided for each device that has purchased the enhanced firmware version v1.3x. The number is composed of 8 hexadecimal characters. ( 0 ~ 9. A ~ F, capital not insensitive)

### Steps

The basic flow is:

**V1.2x -> Load v1.2xU → Enter License key → Load v1.3x+ → v1.3x**

1. Start “Update Firmware” menu on the device running v1.2x.
2. Upload “**KGS-510F v1.2xU.WRP**” to the device.
3. Reboot the device after a successful update.
4. Start “Update Firmware” menu on the device running v1.2xU.
5. Click “Input here” button under “A correct License Key is required !” message.
6. Enter License Key on License Key page. It is allowed to upload v1.3x+ only after a valid License key has been entered.
7. Start to upload “**KGS-510F v1.3x+.WRP**” file when “Valid License Key confirmed” message appears.
8. Confirm to reboot the system after a successful update with v1.3x+.
9. Now, the device is running v1.3x.