

※ **CAUTION!! After downloading and extracting the F/W, please do additional action below.**

### **[How to find a right version for your Cabinet]**

FPGA firmware is different from each LED vendor and pixel pitch. So proper firmware should be uploaded to prevent any malfunction.

1. Check an existing FPGA version (ex. 08232-16081)
2. Select a proper new FPGA version
  - . Initial four digits(0823) and the last digit(1) should be same as existing version  
(ex. **08233**-1403**1**)
  - . The other digits(3-1403) are built time (year, date and hour) and higher number is a higher version.

### **[How to change a firmware name for update]**

Please rename the file before uploading the firmware.

1. Find a new F/W that corresponds to a previously installed F/W
2. Create a text file, type "FPGAFW xxxxxxxxxx" and save it as info.txt.  
  
ex) 12233\_01003\_MP5353\_xd\_san.bin → FPGAFW 1223301003
3. FPGA file name should be "FPGAFW.bin".