## + Outline

By using WarpEngineZFX, the application program of ZFX-C1\*/c2\* can be up-loaded.

## + Preparation

Please connect PC with ZFX via USB.

## + Operation procedure

- 1. Please prepare the application program of ZFX-C1\*/C2\*.
- Start up WarpEngine. The ZFX controller changes into the hard check mode. The current version of application program is displayed. (Figure 1)
- 3. Push the bottom "Loading file". The file selection screen is displayed, and select the application program file.
- 4. The information of the application program is displayed. (Figure 2) Push the bottom "Start upgrade".
- 5. If the message of "Different model, continue?" is displayed, please push "OK". (Figure 3)
- 6. Notes are displayed, push "OK".(Figure 4)
- 7. The following data is up-loaded.
  - The progress bar is displayed.(Figure 5)
  - Application program for CPU
  - Application program for DSP
  - FPGA data
  - Font data
- 8. When processing ends, the message is displayed.(Figure 6) Please reactivate ZFX controller.

## WarpEngineZFX

# **Operation manual**



### Figure 2



### Figure 3 WarpEngineZFX Different model. Continue? Step5 Step5 Figure 4 WarpEngineZFX Firmware upgrade will start from now. Read the following precautions: 1. Never turn the power OFF during the firmware upgrade. Doing so will cause a malfunction. 2. All settings will be initialized after the firmware upgrade e Step6

Cancel

OK : Starts the firmware upgrade. Cancel: Cancels the firmware upgrade.

ΟK

### Figure 5

WarpEngineZFX	
Rewriting Appli Data. Never turn the controller OFF.	
Phase1	
Phase2	
Phase3	
Phase4	
<caution> It takes about 30-120 seconds until each processing is ended.</caution>	

#### Figure 6

