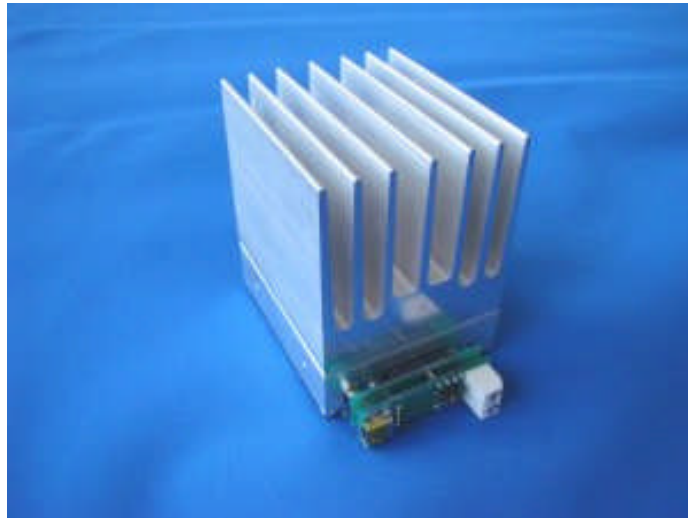


# **User's Manual**

## **USB Interface    USBIF-02**



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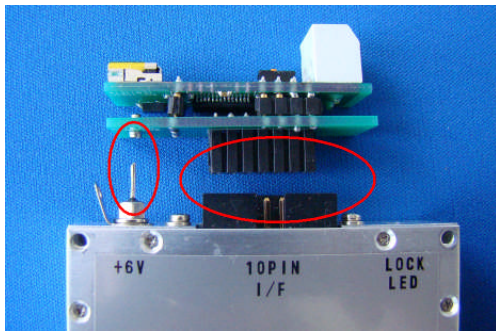
## 1. General Description

USBIF-02 is an adaptor board to control DPL-18GF/18GFH by USB communication. This board has a USB and a serial conversion unit, so that DPL-18GF/18GFH can be controlled easily using any communication software set from the virtual COM port of PC.

## 2. Electrical Specification

- |                         |  |
|-------------------------|--|
| (1) Power Supply        | 6V+/-5%  |
| (2) Dissipation Current | less than 2A (including the dissipation current of DPL-18GF/18GFH) |
| (3) USB I/F             | USB2.0   |

## 3. How to insert USBIF-02 into DPL-18GF/18GFH



- (1) Insert USBIF-02 into the connector of DPL-18GF as shown on the above picture.
- (2) Supply +6V to the power supply pin of DPL-18GF/18GFH
- (3) Connect a USB cable to PC and USBIF-02.

## 4. How to download Driver Software

Procedure 1. Download the FT232R drivers from the link addressed below and then unzip it to a folder.

<http://www.ftdichip.com/Drivers/VCP.htm>

Procedure 2. Use USB cable to connect USBIF-02 and PC. "Found New Hardware Wizard" will begin, and then select the folder where you downloaded. Finally install the driver.

Procedure 3. Set the communication setting of PC as below.

Speed	9600bps
Data bits	8 bits
Stop bit	1 bit
Parity	none
Flow control	none

Any communication software such as Hyperterminal can be used for setting from the virtual COM of PC.

5. Shipping inspection

100% inspection shall be performed for the electric specification in 2.

6. Warranty

If any defect is found due to the manufacturer's improper production or design within one year after delivery, repair or replacement shall be performed by the manufacturer's responsibility. Digital Signal Technology assumes no liability for damages that may occur as a result of handling by users even though the warranty period.

7. Accessory

USB cable 1 piece

8. Others

8-1. This product, which employs a CMOS device may be easily damaged by static electricity. But Digital Signal Technology, Inc. assumes no liability for damages that may occur as the result of handling by users even though the above warranty period.

8-2. Do not supply over voltage power supply, module may be damaged. DS Technology, Inc assumes no liability for damages that may occur as the result of handling by users even though the above warranty period.

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