Please install the driver with the following procedure.

1. Outline


1.1 General Specifications

Check following:
1) FX-USB-AW/FX3U-USB-BD is displayed at the L, as part of the list of the COM setting items of the personal computer.
2) RUN-COMMUX (COM-BD) is displayed at L, as part of the list of the COM setting items on the personal computer.

2. Specifications

The status of the SD LED is as follows:
- POWER LED is lit
- SD LED is lit
- RD LED is lit
- POWER LED is off
- SD LED is off
- RD LED is off

3. System Configuration

The status of the SD LED is as follows:
- POWER LED is lit
- SD LED is lit
- RD LED is lit
- POWER LED is off
- SD LED is off
- RD LED is off

4. Connecting Procedure

For product manuals or documents, consult with the Mitsubishi Electric dealer.

THE INSTALLATION OF THE USB SERIAL PORT SOFTWARE WILL START.

A window to select the location of the installation files will appear.

Please select "Include this location in the search", and install by specifying the USB driver software for the FX-USB-AW is used,

If using Windows Vista

Before modifying or disrupting the program in operation or running the PLC,

The product requires USB Driver installation edition and Windows

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1. Outline

The installation of the USB Serial Port software will begin. A screen that is equivalent to the one below is displayed by clicking [ My Computer ] → [ Control Panel  → [ System ]] → [ Hardware ] → [ Device Manager ].

2. Specifications

<When used with the personal computer>

2.1 General Specifications

The general specifications are explained in the PLC main unit manual (Hardware Edition).

PRECAUTIONS: Do not disassemble or modify the PLC.

3. System Configuration

In the following sections, you will learn how to install the USB Serial Port software.

4. Connecting Procedure

4.1 Requirements

This product requires USB Serial Port Driver Installation. Before installing the USB Serial Port Driver Installation, make sure that the USB Serial Port software has been installed. For user account control, refer to Chapter 6.

5. Driver Installation

Please select the USB Serial Port software for the personal computer. Install USB Serial Port software from the included CD-ROM.

6. USB Serial Port Driver Installation

6.1 Checking the Installation Result

Use the included CD-ROM to check the installation result. Make a note of the installed location.

6.2 Uninstalling Procedure

In the following sections, you will learn how to uninstall the USB Serial Port software.

7. Uninstalling Driver


8. Caution on Use

Read the following precautions, and then carefully read the "A User's Manual" (Hardware Edition) and "User's Manual" (Software Edition) of the PLC main unit.

9. Troubleshooting

If communication cannot be established between the PLC (as well as a positioning cam switch) and a PC using the FX-USB-AW, confirm the settings, and then operations such as write, read, and monitor are tried for the first time using a contactless side or a side B.

For user account control, refer to Chapter 6.

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*1 FX 1NC Series PLC specification details for I/O, wiring, etc., are provided in the main unit manual (Hardware Edition) and Windows 
*3 Windows 10, Windows 8.1*,6

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FX-USB-AW
USER'S MANUAL

1. Outline

This FX-USB-AW USB communication interface is intended to connect the FX series PLC to a personal computer with USB ports.

Please verify that the following product items are included in the package:

- FX-USB-AW
- USB cable with the pick-up

1.2 External Dimensions and Part Names


2. Specifications

2.1 General Specifications

The general specifications are regulated in the PLC main unit. For general specifications, refer to the manual of the PLC main unit.

2.2 Performance Specifications of FX-USB-AW

Current consumption

<table>
<thead>
<tr>
<th>Level</th>
<th>Current Consumption</th>
</tr>
</thead>
<tbody>
<tr>
<td>OFF</td>
<td>0.010 A (including 5V DC power)</td>
</tr>
<tr>
<td>ON</td>
<td>0.020 A (including 5V DC power)</td>
</tr>
</tbody>
</table>

RS-422 COM (bidirectional) + Switching by RS-422 serial COM

<table>
<thead>
<tr>
<th>Operation</th>
<th>1-way (RS-422)</th>
<th>1-way (RS-422)</th>
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</thead>
<tbody>
<tr>
<td>OFF</td>
<td>₹30 mA / 5 V DC</td>
<td>₹30 mA / 5 V DC</td>
</tr>
<tr>
<td>ON</td>
<td>₹70 mA / 5 V DC</td>
<td>₹70 mA / 5 V DC</td>
</tr>
</tbody>
</table>

3. System Configuration

Connected equipment and connection cable

4. Connecting Procedure

4.1 System requirements

If the system requirements are not satisfied, installation is not possible.

4.2 Installation procedure


5. Driver Installation

5.1 Installing the USB driver


6. Installation Procedure

Please follow the installation procedure on the page below.

Checking if the driver is already installed

7. Uninstalling the Driver

For safe use

This product has been manufactured in accordance with the general safety specifications. However, the manufacturer cannot be held responsible for any problems involving industrial properties which may occur due to improper installation or use.

For safe use

This product has been manufactured in accordance with the general safety specifications. However, the manufacturer cannot be held responsible for any problems involving industrial properties which may occur due to improper installation or use.