

EPW-35 Installation Manual

● Downloading the Setup Program

First, install the driver and application on your PC. The driver and application are common to all EPW series products. The setup program can be downloaded from the following link. If you are unable to download the file, please visit our online shop, open the EPW-35 product page, and download it from the “Downloads” section.

Download Link:

http://www.solitonwave.co.jp/shop_pro/download/serial/epw35/setup.zip

● Installing the Driver and Application

After downloading the setup program, extract it to any folder and run setup.exe. The setup program will install both the application and the driver. Install the driver before connecting the product to your PC. If you are using Windows 10 or later, the built-in Windows driver can be used. In that case, you only need to install the application. (Installing the driver additionally will not cause any problems.)

● Running the Application

After installation, an EPW-35 folder will be added to your Windows Start Menu. Run Epw35App.exe from there.

● Supported Devices

Device Family	Supported Devices
MCW Devices	93C06 / 93C46 / 93C56 / 93C57 / 93C86 / BR9010 / BR9020 / BR9040 / BR9080 / BR9016
I2C Devices	24C00 / 24C01 / 24C02 / 24C04 / 24C16 / 24C32 / 24C64 / 24C128 / 24C256 / 24C512 / 24C1024
SPI Devices	25C010 / 25C020 / 25C040 / 25C080 / 25C160 / 25C320 / 25C640

● How to Use the Application

When the EPW-35 is connected, the Device Selection menu becomes active. Select the device you wish to use. Devices not supported by the connected hardware will be disabled and cannot be selected. To write data to a device, select the desired HEX file using the Browse button. From the Tools menu, select Extended Settings to configure advanced features such as page size, clock frequency, and programming options. For MicroWire devices, you can also configure the PRE and ORG pin settings, and select between Single or Multi transfer modes.

● About the ISP Connector

The ISP connector is a 6-pin, 2.54 mm pitch header. A standard header socket can be used for connection.

Pin No	MCW	SPI	I2C	Description
1	VPP	VPP	VPP	VCC Output
2	GND	GND	GND	Ground
3	CS	CS#	-	
4	SK	SCK	SCL	
5	DI	SI	-	
6	DO	SO	SDA	

● Device Power Voltage

The EPW-35 supports device power voltages of 3.3 V or 5 V. You can switch the voltage from the application interface according to your target device specifications.

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