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Flash Manual

Auto-Link-SPE-G

1000BASE-T1 Media Converter



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Revision History

Revision	Date	Change
1.0	04/25/2021	initial version

1 Firmware Update

1.1 Introduction

The firmware of the Auto-Link-SPE products can be upgraded using the AVRDUDE open source tool running on a Linux machine. Linux can either run on a physical PC or in a virtual machine like VirtualBox. The only prerequisite is that it has access to the Auto-Link-SPE via USB. We recommend using Ubuntu 20.04 LTS, but any other distribution being able to run AVRDUDE will work too.

1.2 Preparation

Install AVRDUDE if it is not yet installed.

```
# sudo apt install avrdude
```

Attach the Auto-Link-SPE via USB to your Linux machine.

Make sure that only one Auto-Link-SPE is attached.

Check whether the Auto-Link-SPE device is seen by the operating system.

```
# lsusb -d 0403:7f85
```

```
Bus 001 Device 003: ID 0403:7f85 Future Technology Devices International, Ltd
```

1.3 Installation

Unpack the firmware archive and change into the firmware folder.

```
# cd <your home directory>  
# tar xf auto-link-spe-g-<version>.tgz  
# cd auto-link-spe-g
```

Run the flash script

```
# sudo ./flash-auto-link.sh
```

2 Support Information

If you have questions concerning our product, please contact us:

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