



AE firmware upgrades



ATTENTION: Proceed exactly according to this document. An upgrade is a critical process. An operator error can lead to an irreparable damage.



SECURITY: Upgrade only within a secure network, because standard FTP transfers are used.

1. First, power down the AE device by removing the Ethernet cable or the batteries.
2. A piano style DIP switch with two positions is located under the service cap. Both switches are open in normal operation. For upgrades, the switches must be set as follows:

position 1 “on” position 2 “off”



ATTENTION: Be careful, wrong settings of DIP switch can lead to the deletion of important data.

3. After changing the DIP switch, turn on the power again.
4. Wait until the green LED shows the Morse code "ready" (·-·).
5. Open the console and change to the directory where the upgrade file is located. Use the FTP client with following commands:

```
ftp <IP address of AE device> <account of an AE netadmin> <password>
binary
put <filename of upgrade>
bye
```

The filenames of the upgrades are fixed and may not be changed.

6. Wait until the green LED shows the Morse code "success" (···).

Possible error codes are:

“1” (·-·-·-) incorrect upgrade file

“2” (·-·-·-) flash sector defect

7. Power down the AE device.
8. Change the DIP switch to normal operation (both positions are “off”).
9. Turn on the AE device again and check its correct operation.



If you have no experience with firmware upgrades, use our service and send us the AE device. The upgrade itself is free. You only have to pay the shipping costs.