

## Update of new Firmware

Update of the software in IP-Port (Firmware) is made via the serial port with NCconfig.

Unzip the file, shall have the format IP01\_STD\_2\_5.ihx for version 2.5

## Download

If the watchdog is enabled, the download must to be done from start

Step by step for download to the IP-Port:

1. Connect IP-Port Serialport-1 **S1** to PC COM port with cable **NC-PC**.
2. Start the NCconfig, check if the right COM port is using
3. Press the Reset button at the same time the power is connected.
4. Press Return and the text is showed *IP01 BOOT/01.00*.
5. Click on *File->Download*.
6. The load window is showed.
7. Click on file *IP01\_STD\_2\_5.ihx*
8. Click on *Start* and the download is started.
9. The download is finished then the load window is closed.
10. IP-Port is restarted, and is now ready for use.
11. Check if the Watchdog is enabled (G=1) with *>UOPT* command in configuration mode.
12. *>UOPT W=1 T=0 G=1* is showed.

On double characters, unmark *local echo* in *Settings-Communication*.

In this version the green LED is twinkle to indicate the IP-Port has started and running.

## Large update maybe need configuration set to default

Sometimes an update need the configuration to be set to default, and reconfigure again.

Attention, readout the configuration first before the configuration is set to default.

1. Set to default by the command *>zero*
2. The text is showed *>Warning,zeroized, confirm with YES*
3. Confirm with *>yes*

The IP-Port is restarted with the default configuration.

Reconfigure the IP-Port with custom parameter again.