Upgrade of Inveo modules – user manual
Part One - Instructions for advanced.
Part Two - Step by step instructions.

Part One

1.Configure the device – on the device page in the "Administration" tab, check the "Enable TFTP Bootloader" option.

2. Unpack the firmware folder.

3. In the cmd command window, enter:

tftp -i "the IP address of the device" put "path to the update file"

For example:

```
tftp -i 192.168.111.15 put firmware-2-2.bin
```

4. If name „*tftp*" is not recognized in *Control Panel → Windows features* enable TFTP Client service (detailed description in Part Two of this manual).

Points 5 and 6 should be done only if upgrade of the web page is demanded.

5. Type in the browser: „*IP of the device"/pageupload*

6. Tick **Web.bin** and **Upload.**

7. Reset the device to the default settings if it is demanded (by pressing Reset button until all LEDs will light up).
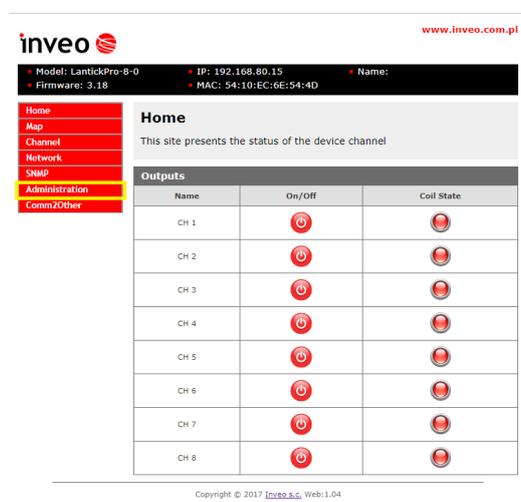

8. Congratulations, your device has been upgraded.

Part Two

To upgrade the firmware in Inveo devices follow these steps:

Configuration of the device.

1. Type the IP of the device to be configure to the browser. Tick the *Administration* tab

Example main page of the device
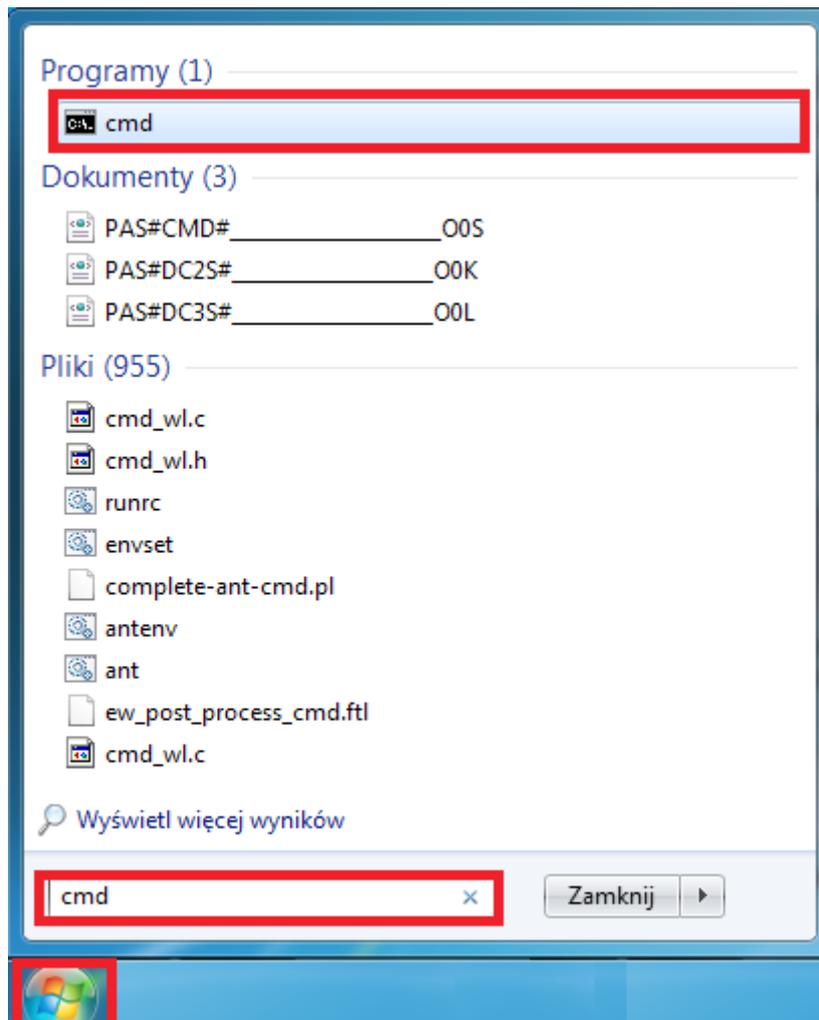
2. Tick *Enable TFTP and confirm with Save button*
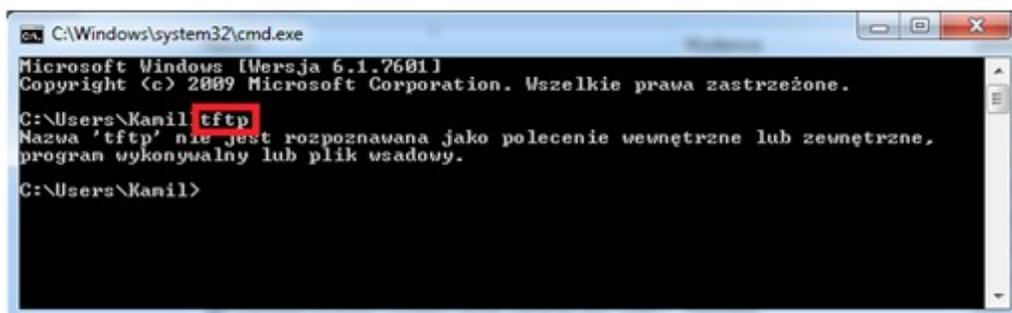

Configuration of the device

3. In *Start Menu* type "*cmd"* and enable the *cmd program* which supports Windows commands.
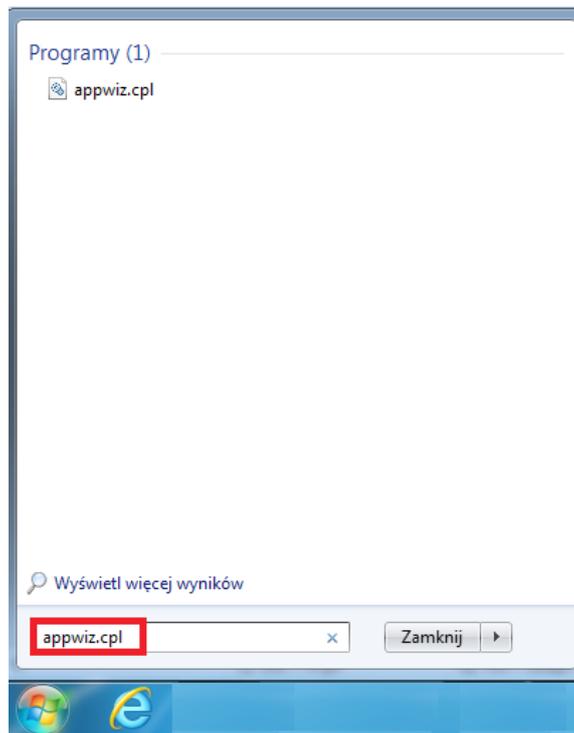

Enabling cmd

4. In commands window type "*tftp"*. If name "tftp" is not recognized follow steps 5,6,7 otherway pass directly to the step 8.
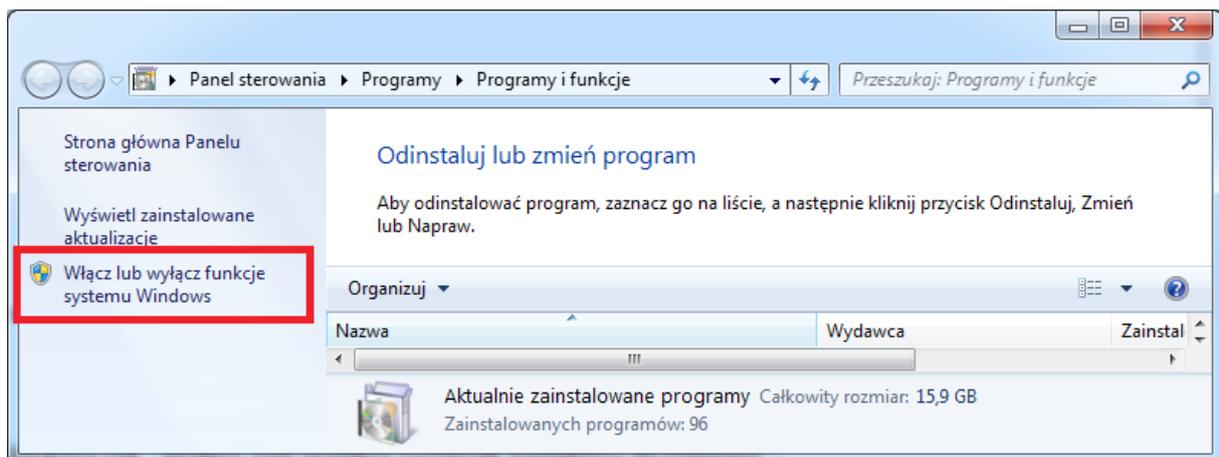

Unrecognized tftp name
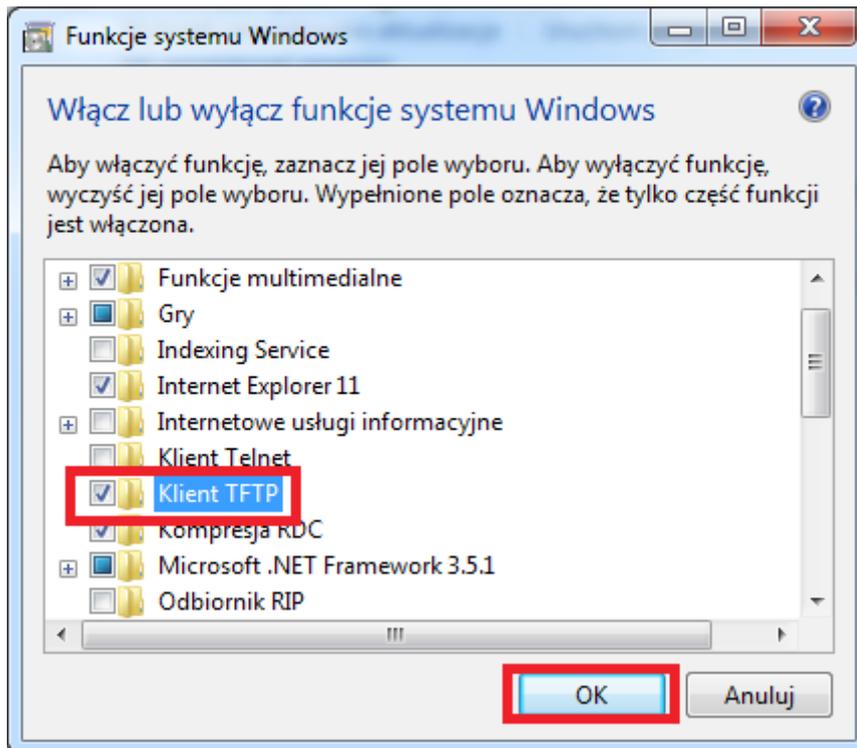
5. Run Start Menu, type *"appwiz.cpl"* and press Enter

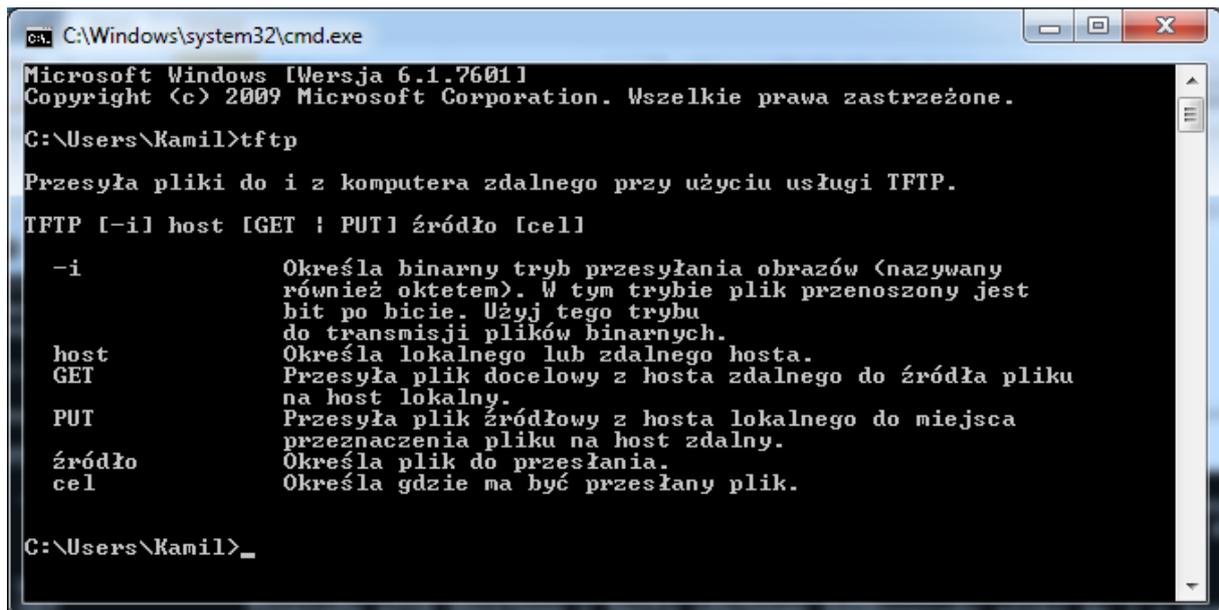

Start Menu

6. Pick *"Enable or disable windows functions"*

Programs tab in the *Control Panel.*

7. In the window *"Windows features"* tick "TFTP Client" and press OK.

Windows features

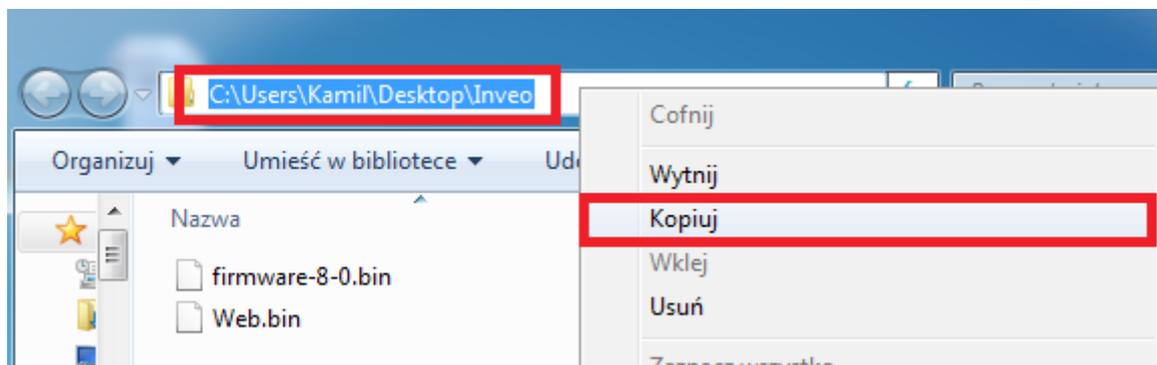8. Type "*tftp*" to cmd program and check if the following display:

TFTP Client

9. Create a new folder (for example on a desktop) named *Inveo.* Unpack a file with .zip extension to this folder.
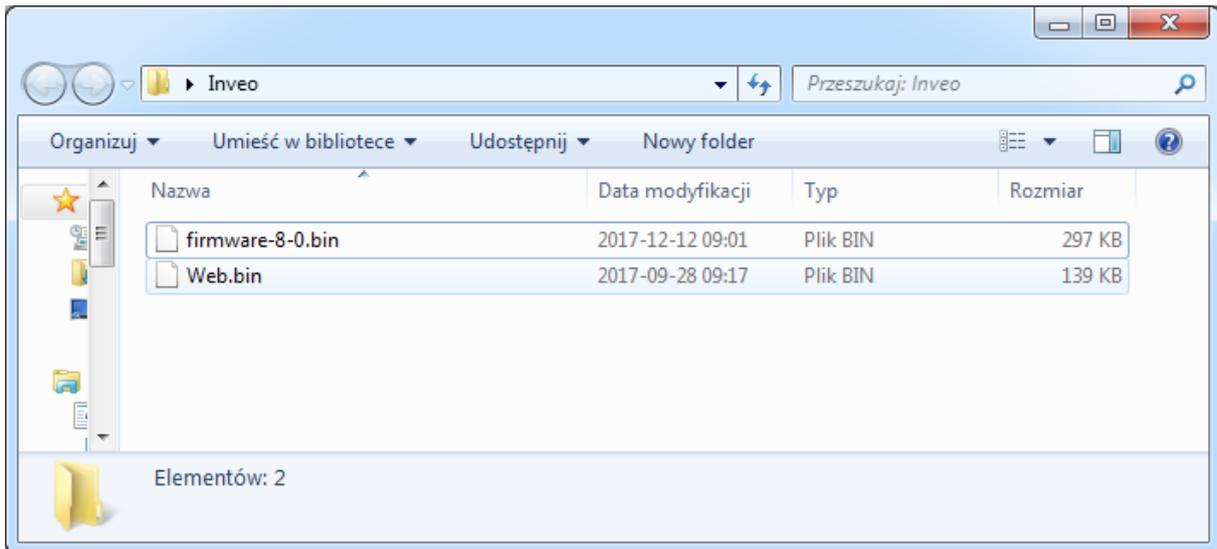
A folder on a desktop with unpacked files
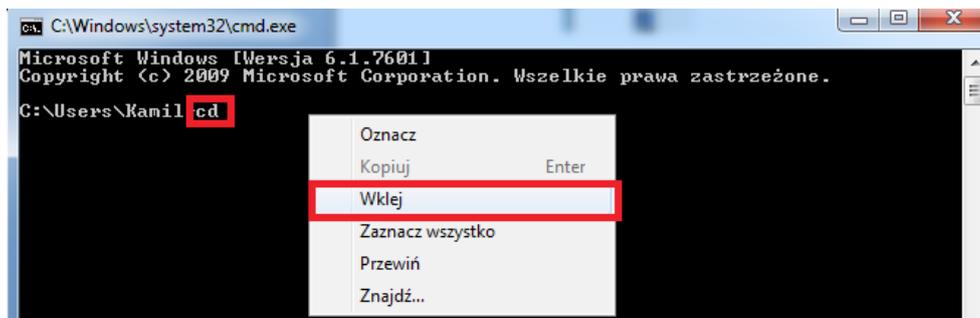
10. Copy an *Inveo* folder path

Copying a folder path

11. Paste a path to the cmd program in a form:

cd "a folder path"

and press *Enter.*

Pasting a folder's path

12. If above steps are done type in the command line:

tftp -i "IP address of the device" put "name of the update file"

An example of the command to upgrade the device

13. After pressing the Enter the update takes place. During the process of update the Boot LED should blink. After about 2 minutes the device is upgraded.

Successful upgrade.

To check the version of the Firmware look at the Home page of the device.
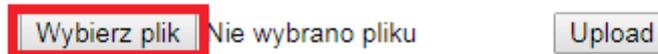

Checking the firmware version after upgrade

14. Uploading the new software to the device web page.

        a) type in to the browser: *"IP address of the device"/pageupload*, confirm with *Enter* and press *Select file* button.

FS IMAGE UPLOAD

Uploading the web page

b) select the *Web.bin* file and press *Upload*.

FS IMAGE UPLOAD

Uploading the web page

15. Reset the device to the default settings: press the Reset button until all LEDs will lightup.

Congratulations, you have upgraded your device!