

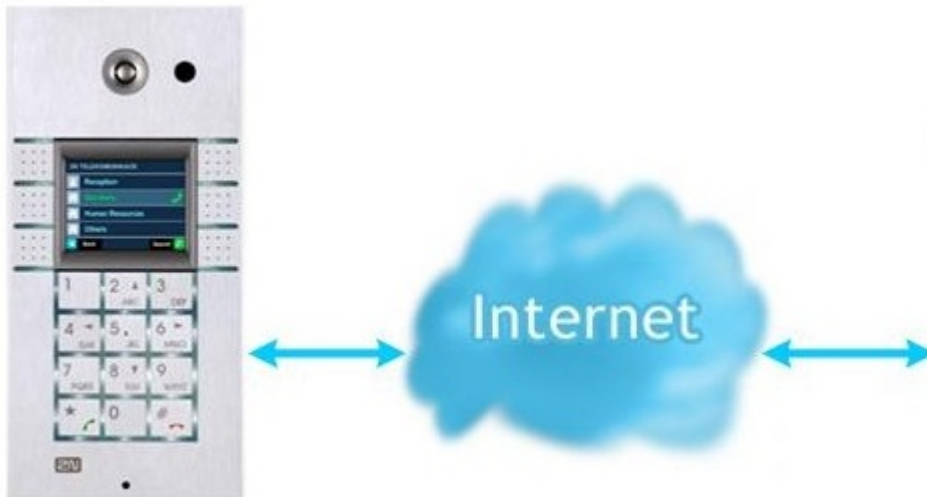
External IP relay - How to configure it with 2N® IP Intercom /Access Unit?

INTEGRATION
LICENSE

External IP relay

You can use external relay controlled by 2N® IP Intercom by HTTP commands for a remote control. We offer IP relay with one output (9137410E) or with four outputs (9137411E).

If you will use External IP relay you need an Integration license.



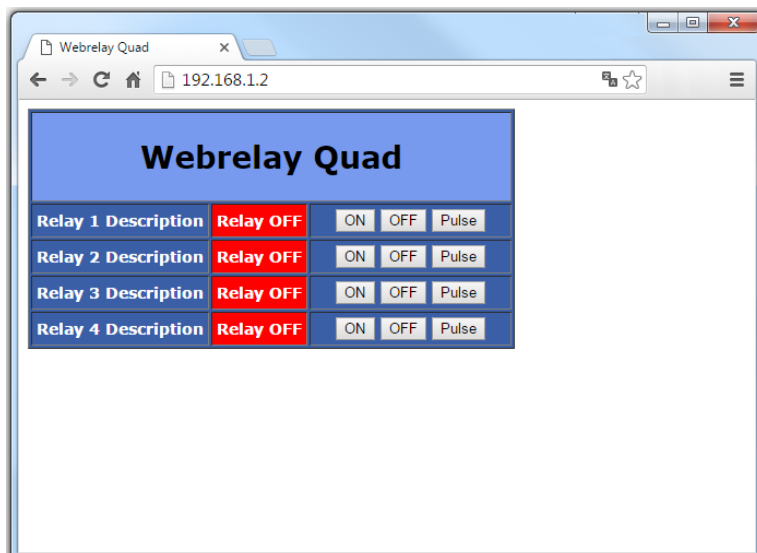
Default parameters:

IP: 192.168.1.2

Username: -

Password: webrelay

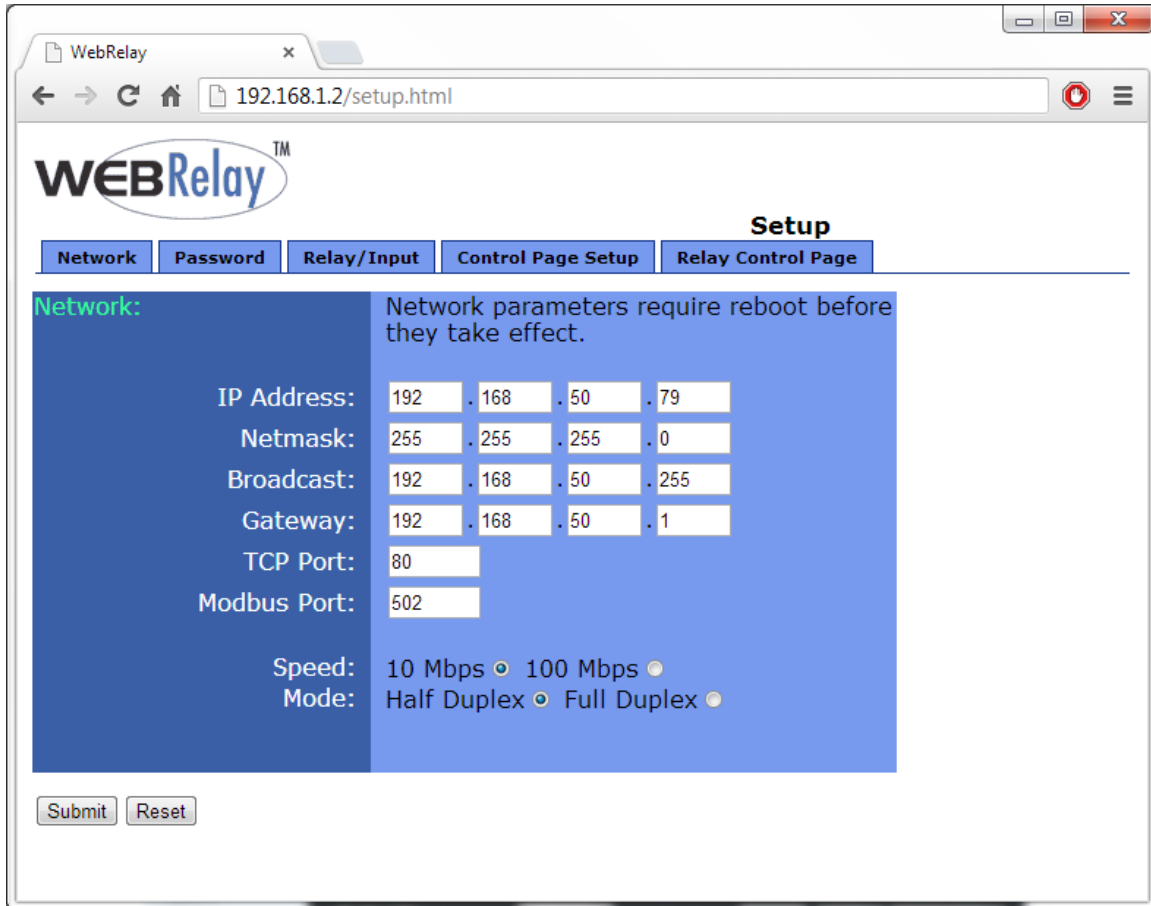
If you have your IP relay in the default setting, open your web browser and enter IP address <http://192.168.1.2>. Then you should be able to see control page similar as in the picture on the right site depending on the version of the product you own.



Note: If you are not able to access the IP relay web interface, then please check if your computer is in the same network as IP relay (PC must have IP address 192.168.1.x)!!

Setup of external IP relay

For entering the IP relay configuration menu type to web browser <http://192.168.1.2/setup.html>. Now if you are in IP relay configuration menu, you can configure its parameters according to your needs. If the IP address of your 2N® IP Intercom is different from 192.168.1.x, you can change IP relay IP address so it would be in the same network as 2N® IP Intercom.



WebRelay™

Setup

Network Password Relay/Input Control Page Setup Relay Control Page

Network: Network parameters require reboot before they take effect.

IP Address: 192 . 168 . 50 . 79

Netmask: 255 . 255 . 255 . 0

Broadcast: 192 . 168 . 50 . 255

Gateway: 192 . 168 . 50 . 1

TCP Port: 80

Modbus Port: 502

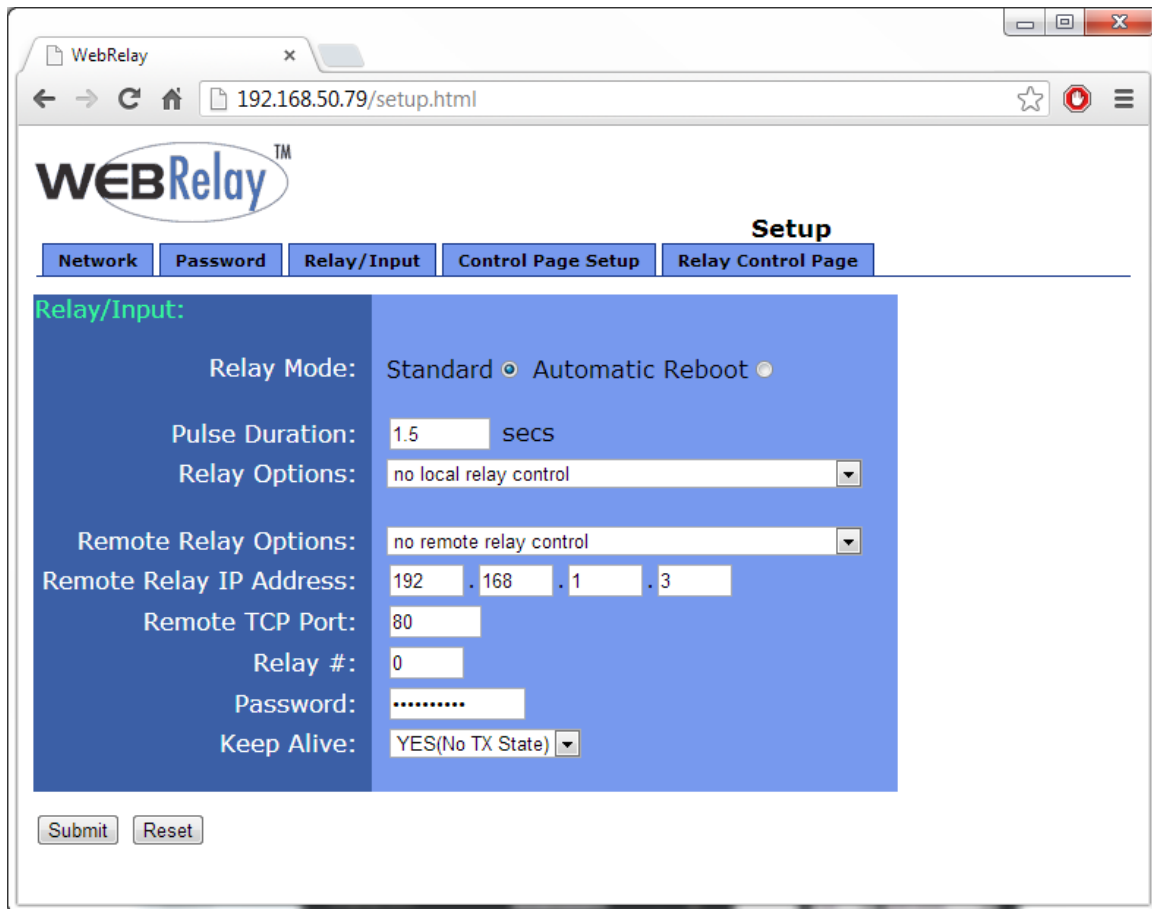
Speed: 10 Mbps 100 Mbps

Mode: Half Duplex Full Duplex

Submit Reset

IP relay with one output (9137410E)

In Relay/Input tab change parameter Relay Options to “no local relay control”. With that you make sure, that the relay will be controlled only HTTP commands.



HTTP switch ON command:

- `_http://192.168.50.79/state.xml?relayState=1`

HTTP switch OFF command:

- `http://192.168.50.79/state.xml?relayState=0`

All relay State options:

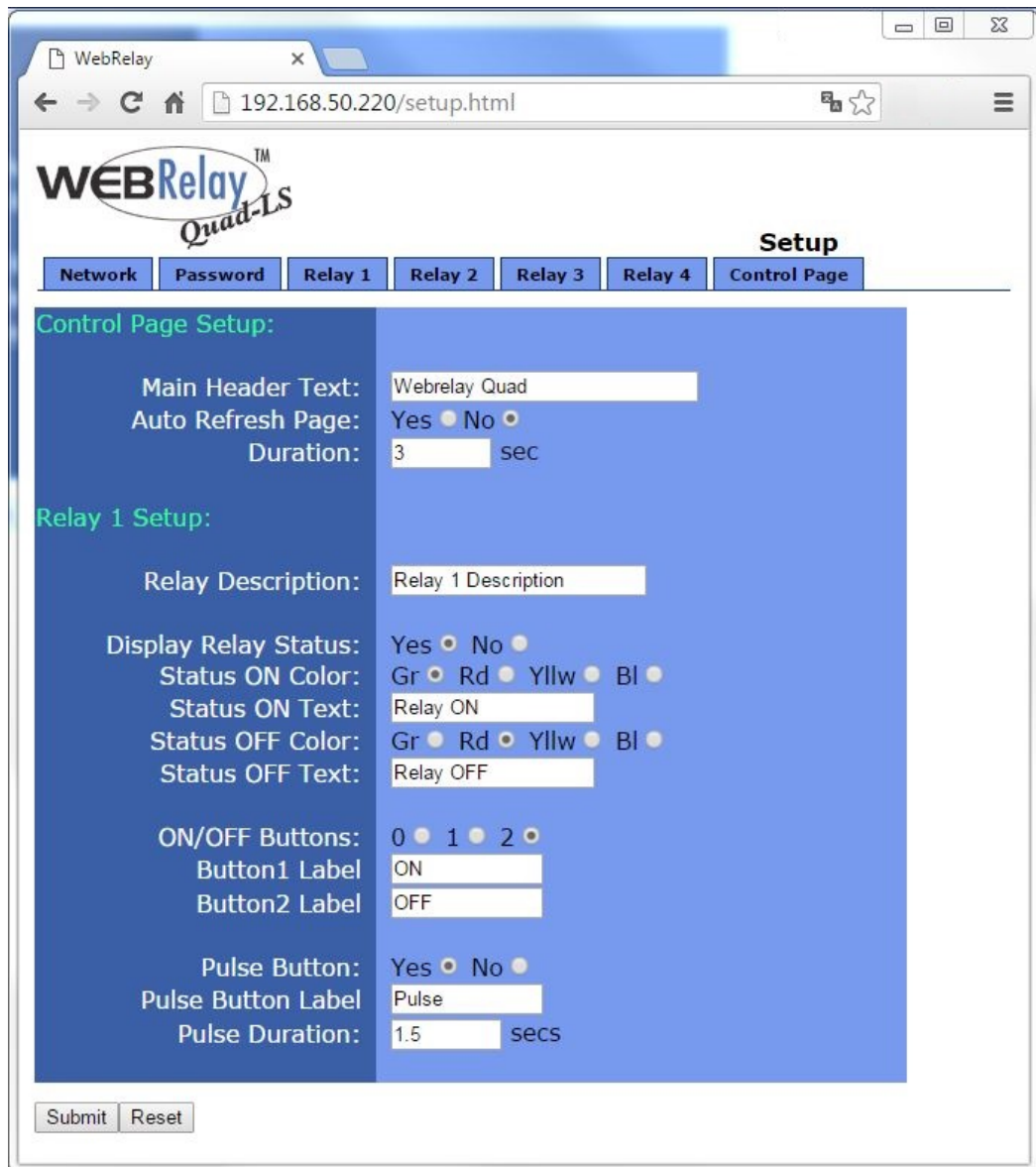
0 = Turn relay off

1 = Turn relay on

2 = Pulse relay

- If you want to change look of the Relay Control Page, you can do it in Control Page Setup.

IP relay with four outputs (9137411E)



HTTP WebRelay - Quad switch ON command:

- <http://192.168.1.2/state.xml?relay1State=1>
- <http://192.168.1.2/state.xml?relay2State=1>
- <http://192.168.1.2/state.xml?relay3State=1>
- <http://192.168.1.2/state.xml?relay4State=1>

HTTP WebRelay - Quad switch OFF command:

- <http://192.168.1.2/state.xml?relay1State=0>
- <http://192.168.1.2/state.xml?relay2State=0>
- <http://192.168.1.2/state.xml?relay3State=0>
- <http://192.168.1.2/state.xml?relay4State=0>

All relay State options:

- 0 = Turn relay off
- 1 = Turn relay on
- 2 = Pulse relay

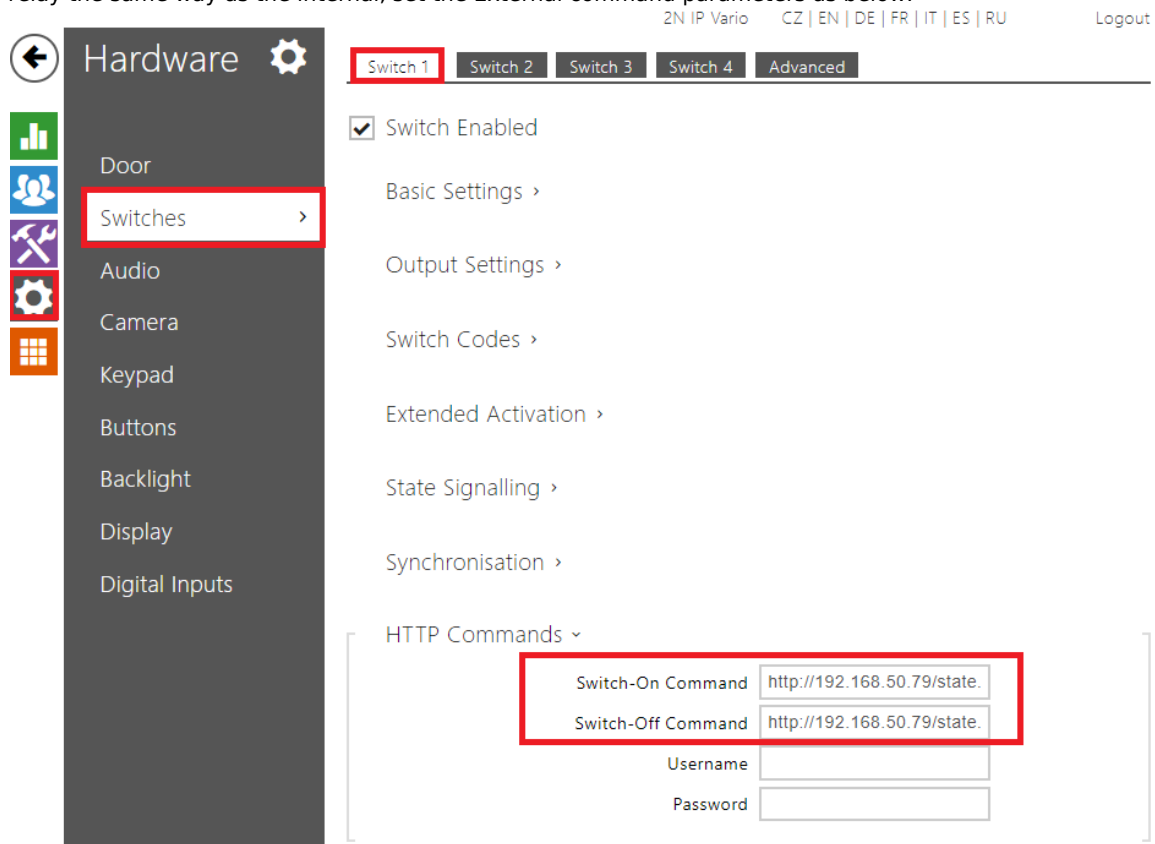
- If you want to change look of the Relay Control Page, you can do it in Control Page Setup.

Detailed information about the IP relay settings and additional features can be found in manual. If you would like to upgrade IP relay, please follow the manual as well:

http://www.controlbyweb.com/webrelay/WebRelay_Manual_v3.3.pdf

Setup 2N® IP Intercom (Integration license needed)

Login to 2N® IP Intercom web configuration menu and in Hardware - Switches - Switch 1 set the switch parameters according to your needs. If this setting is done and you want to activate/deactivate external IP relay the same way as the internal, set the External command parameters as below.



2N IP Vario CZ | EN | DE | FR | IT | ES | RU Logout

Hardware

Switch 1 Switch 2 Switch 3 Switch 4 Advanced

Switch Enabled

Basic Settings >

Output Settings >

Switch Codes >

Extended Activation >

State Signalling >

Synchronisation >

HTTP Commands >

Switch-On Command

Switch-Off Command

Username

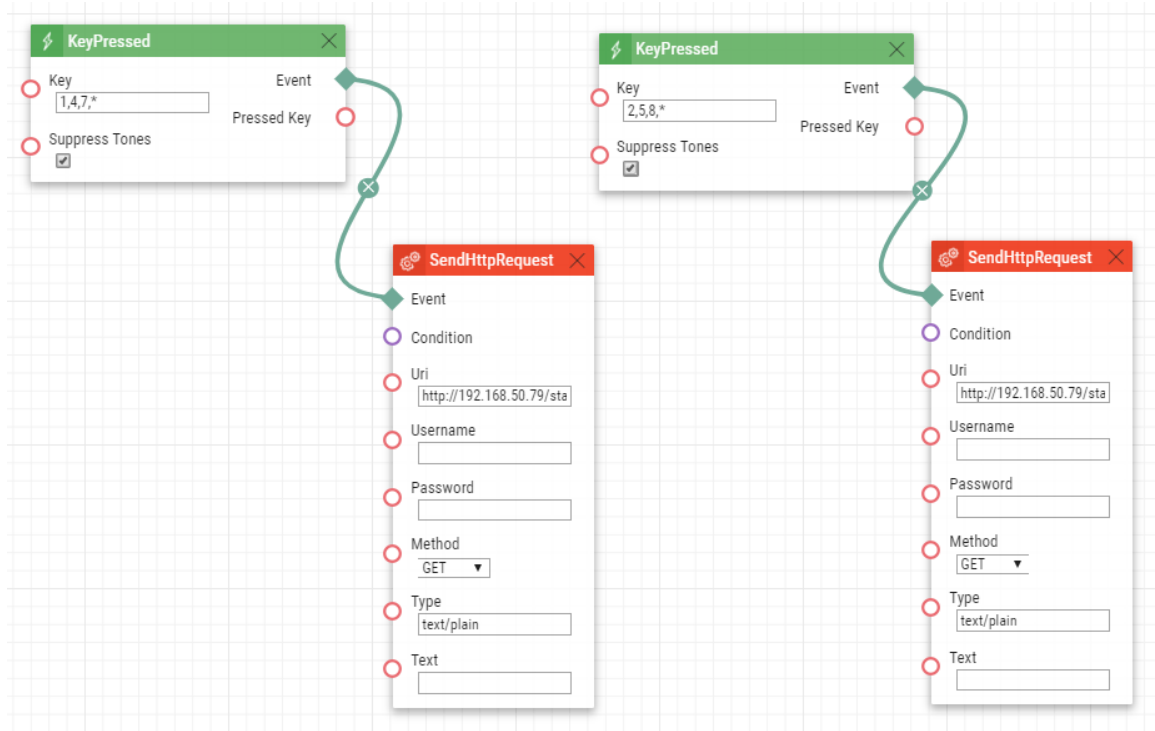
Password

Now every time when the 2N® IP Intercom internal relay is be activated, also the IP relay will be triggered on and after 5 second will be both relays deactivated again. You will find more in a manual, see the link below.

<https://wiki.2n.cz/hip/conf/latest/en/5-konfigurace-interkomu/5-3-hardware/5-3-1-spinace>

Setup 2N® IP Intercom using Automation (Integration license needed)

Login to 2N® IP Intercom web configuration menu and in Services - Automation - Function 1 set the script according to your needs. Please check the picture below that will help you how to configure the Automation. In this script you have to press 147* to active external IP relay and if you will press 258* it will deactivate the external relay. Please remember that with Automation you can setup your own script to active/ deactivate external relay via HTTPcommands.



To learn more about Automation please follow this link with a manual.

<https://wiki.2n.cz/hip/auto/latest/en>

More product information:
Door & Security Intercoms (Official Website 2N)