

# Control 16 relays + 16 optoinputs from the web:



**795:-  
euro**

*IP-SwitchBox1616 has 16 relays and 16 opto coupled inputs via RJ45 connectors.*

- \* **Controlled from any web browser, http.**
- \* **Connects to Ethernet, TP.**
- \* **Remotely controlled serial port via Telnet or web browser.**
- \* **Reset timer for connected equipment, configurable.**
- \* **Switch on delays, configurable.**
- \* **8+1 usernames/passwords, configurable.**
- \* **Authorization, choose between basic/digest/none.**
- \* **Read/write rights for the users can be configured.**
- \* **Can also be controlled via RS232.**

With IP-SwitchBox1616 you can control, for example, computers and modems. You can make "hard reset" on them remotely and also monitor their status with the inputs. You can of course control other equipments as well, for example measurement or test systems.

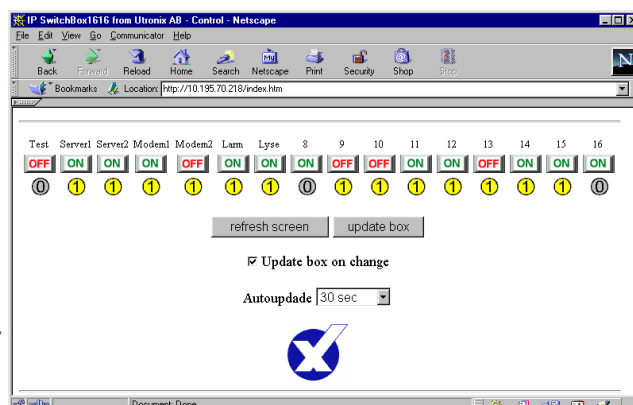
And you can control it from anywhere in the world!



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*Here we see the web browser controlling/monitoring with IP-SwitchBox1616.*

*At the top is buttons to control the relays. Below that is the circles indicating the input status.*





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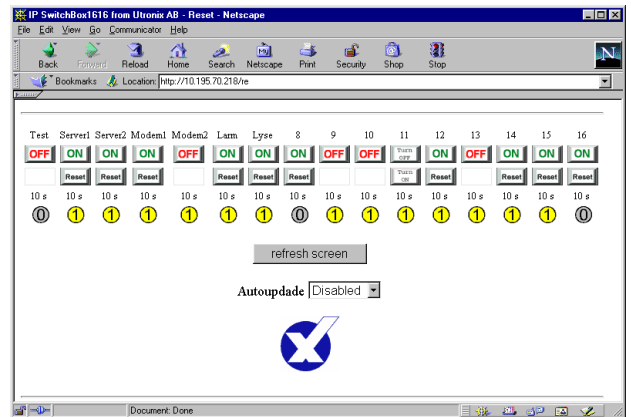
For more information  
contact us directly.

## Reset Timer

By pushing a reset button the outlet is switched off during the configured time (up to 600s). After that time the outlet is switched on again.

The time is controlled by the IP-SwitchBox800 and will not be disturbed by delays on Internet.

During the rest time the "ON" and the "Reset" buttons are replaced by two buttons that can cancel the reset time, "Turn ON" and "Turn OFF".



## Inputs

The inputs are galvanically insulated with opto couplers. Nominal input level is 5V but they may be used from 1.7V till 12V.

The low limit makes it possible to read status of LEDs only by connecting them in parallel with the LEDs.

## Start up sequences

"Turn on delay" is used to delay the outlets from switching on for up to 10 minutes after power failure. This can be used to start equipment in sequence.

## Username & Authorization

You can specify user names and passwords for 8 user, admin and telnet.

The authorization can be selected to Digest/Basic/No authorization.

## IP-address

The IP-address may be given a fixed value in the configuration or it may be allocated by RARP or BOOTP.

## Access rights

Access rights may be specified individually for up to 8 users.

The rights is specified individually for each output

Choose rights between; read and write, read only, no rights.

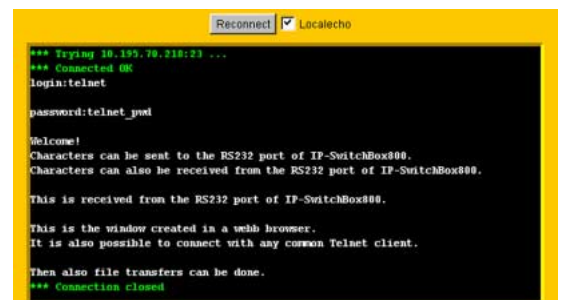
Admin always have full rights.

## A remotely controlled RS232 port

You can use the IP-SwitchBox800's RS232 port to control devices remotely.

For example as console to a computer, UPS or other devices with RS232 interface.

You connect to the RS232 port either via *Telnet* or via the *Browser*.



## Styrning från eget program

Man kan styra IP-SwitchBoxen från egna program.

På medföljande CD finns ett enkelt exempel i *Perl*.

## Control and Configuring via RS232.

The IP-SwitchBox can be controlled with simple text commands (ASCII) via a RS232 port. The commands are, for example, "ON1", "ON2", "OFF3", "R4" and "?".

The IP-SwitchBox can be configured via RS232. You then get a small menu where the settings are made.