

0802-03_R9C revision May 2012.

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Welcome

Thank you for choosing a Procontrol product.

Procontrol Electronics Ltd has grown to an important national company of developing and manufacturing software, hardware, electronic devices, access control, time-attendance systems, queue control, client caller and access protection systems since 1981.

Thousands of satisfied customers have experienced the security ensured by our long time period planning, reliable work and the world trademarks standing behind us. Our qualified staff does its best to satisfy your requirements in the electrical development.

Safety Precautions

Please read this guide before installing and using the device. Please use the device properly and as described in the following manual.

The guarantee is insured only if the device is used with the implements approved or specified by the manufacturer, and it is cleaned and maintained as described in this guide.

The authors are NOT liable for any claim, damages or other liability out of:

- using not the proper way

- incorrect installation

- connecting to inappropriate electronic network

- incorrect maintenance

- not approved modifications, interventions

- using non-original elements

- using with implements not approved or specified by the manufacturer

Only the technical service authorized by the manufacturer is allowed to do interventions in the device.

Maximum number of connectable devices using switching power supply is 2/socket!

Do not try to modify or dismount any part of the device

Do not store and operate the device out of the given ranges

Only use the device the proper way as described in guide.

Do not store the device close to a heat source or direct flame, because the device may explode

Never allow water or any other foreign matter to get into the unit. The unit contains sensitive electronic parts, so water and foreign matter not only can cause malfunction, they also create the risk of overheating due to short circuiting and insulation failure, fire and smoke, combustion, and electric shock. Should water or foreign matter ever get into the unit, immediately turn off the unit and contact a qualified service person.

Only use the product for it's intended purpose!

Security

Keep the device in operation only from electric sources defined in this user manual. Do not open the device, there are no user serviceable parts inside!

Attention! Connect the product exclusively to a grounded power outlet with relay contact protection network.

To avoid fire and risk of electronic shock:

Beware that your children do not throw or push objects through the slots of the device.

Do not mount accessories or attachments on the device that are not designed for this device. If you do not use the device for longer time or in case of lightning, you shall unplug the power cord.

Risks at Installation

Do not store anything on the power cord. Do not place the device, where the power cord can be damaged. Do not use the device under wet circumstances or in humid premises.

Cleaning

Switch off the device before cleaning. Use slightly wet mop. Excessive humidity may cause electric shock.

General rights and responsibility

Manufacturing rights of this device are reserved by Procontrol Electronics Ltd. Modifying or copying of this device or parts is prohibited!

Procontrol Ltd. reserves the right to modify this documentation without prior notice

Procontrol Ltd. is not liable for using of this device and the consequences of the application.

Introduction

The **IP** Stecker is an intelligent socket strip with IP address and individually, remotely controllable power outlets for switching up to four devices on and off through the Internet and Ethernet using a notebook, pocket PC.

Types:

- IPStecker 3
- IPStecker 4



IPStecker 4

Plans for Product Enhancement

• We currently provide the two models above - series R9C, both provided with Ethernet and USB port. The USB (12C) connector is prepared for future enhancements.

- As advanced option you will be able to connect external thermometer sensors (TS-05 or THS-05) through the USB (I2C) port, for applications e.g. emergency stop at a certain temperature, i.e. the user sets a threshold value, when exceeded, the device stops operating. This "Smart Metering" will be available, when the manufacturing of next series has been launched, which is at present in the process of development.
- A built in current and voltage meter function is planned, this "Smart Metering" will be available similarly, when the manufacturing of next series has been launched, which is at present in the process of development.

In case of any requested modification and enhancement please do not hesitate to contact us, any individual request is highly appreciated. Please contact our colleagues for details and prices!

Properties, types

Туре	IPStecker 3	IPStecker 4
Picture	Non-Service States	
Revision	0802-03-R9C	0802-03-R9C
Part number	141108	141106
Number of remotable switched sockets	3 sockets	4 sockets
Ethernet interface	10/100BaseT	10/100BaseT
Remote abilities	o Web /internet browser o Telnet o Command prompt remote control, Perl script, PHP script o PCSW protokoll	o Web /internet browser o Telnet o Command prompt remote control, Perl script, PHP script o PCSW protokoll
Compatibility	Can be used in all operation system, with all browsers: Microsoft Internet Explorer, Opera, Mozilla Firefox, Netscape, etc. Windows 98SE / 2000 / XP / XP SP1-SP2, Server 2003 / Vista / Linux / Me / Mac OS etc.	Can be used in all operation system, with all browsers: Microsoft Internet Explorer, Opera, Mozilla Firefox, Netscape, Windows 98SE / 2000 / XP / XP SP1-SP2, Server 2003 / Vista / Linux / Me / Mac OS
Language	english, hungarian	english, hungarian
Mounting	19 "rack mountable with included metal fixing brackets	19 "rack mountable with included metal fixing brackets
Connectors	RJ45, USB B	RJ45, USB B
Socket standard	F (Hungary)	F (Hungary)
Power supply	AC 230V, 50Hz	AC 230V, 50Hz
Power consumption	max: 3 VA	max: 3 VA
Capacity	max: 230V, Σ16A total, max: 230V 8A / socket at continuous load. Maximum number of devices using switching power supply is 2/socket.	max: 230V, Σ16A total, max: 230V 8A / socket at continuous load. Maximum number of devices using switching power supply is 2/socket.
Needed cable type	CAT5, CAT6	CAT5, CAT6
Support / feedback on hardware	 double-pole main switch 1 hidden reset button 3+2 pcs status LED Ethernet status leds for , a LINK signal and 10/100Mbit mode Built-in clock, and memory protection batteries 	 1 hidden reset button 3+2 pcs status LED Ethernet status leds for , a LINK signal and 10/100Mbit mode Built-in clock, and memory protection batteries
Casing	Indoor durable case, compact, distinguished	Indoor durable case, compact, distinguished
Dimensions	Without fixing brackets: 430x60x45mm With fixing brackets: 480x60x45mm	Without fixing brackets: 430x60x45mm With fixing brackets: 480x60x45mm
Weight	Net 1000g, gross 1130g	Net 1000g, gross 1140g
Operating temperature	-25 - +50 °C	-25 - +50 °C
Storage temperature	-40 - +60 °C	-40 - +60 °C

Operating relative humidity	max. 80%	max. 80%
Storage relative humidity	max. 90%	max. 90%
Standards	Ethernet IEE802	Ethernet IEE802
USB (I2C) - prepared for later developments	x	x
Smart Metering: current and voltage measurement functions	under development	under development

* A Special communication protocol developed by Procontrol, which allows the implementation and communication of IPStecker with other Procontrol manufactured products and systems.

Attention! Maximum number of devices using switching power supply is 2/socket.



For English users

If the web interface of the IPStecker is in Hungarian, you can change it to English in Rendszer section, by changing the dropbox value Magyar to English, and clicking Mentés button.

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Események	Build 00167			/IP Stecker 2008.01.01 02:54.13		
Kapcsolat Biztonság						
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Dátum, idő						
Felhasználó		Nyelv kiválasztása	Ma	gyar ▼		
Késleltetés		N	lentés			
Áll. mentés	K	észülék újraindítása	Kijele	ntkezés		
Ping beáll.						
Rendszer		© 2011. Procontrol Electroni	cs Ltd.®™ Minden jog fenntartva.			
Mérések						
		/ PR	CONTROL			
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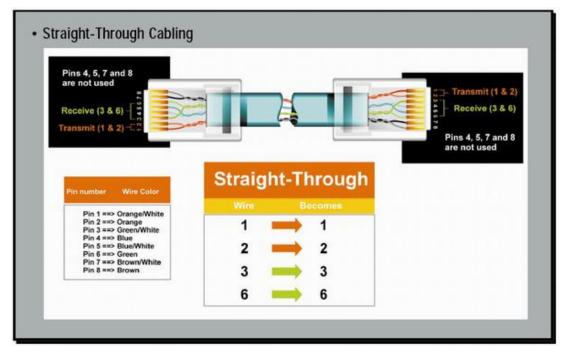
What kind of Ethernet network we have?

(Estimation of Ethernet network topology)

Connect the device to a free end point (or directly to your PC) of an established Ethernet network as following.

Ethernet on PC network is not everywhere accessible, therefore we suggest two solutions for testing your device:

1. In Case of Established Computer Network

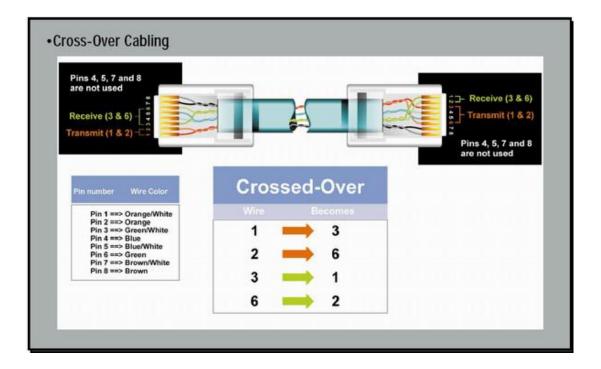


Connect a free end point of the PC network with a straight patch cable (Straight-Trough) to the device. We recommend this solution, if possible. Test the device with a patch cable (Straight-Trough, attached to the customer package) on an Ethernet socket of a network-connected PC. Connect the Ethernet cable to the SWITCH or HUB of your PC network (Ethernet).



2. Directly Wired Connection between Terminal and PC

If a network SWITCH is not available, but you want to connect it directly to the Ethernet socket of your PC, you need a special Cross-Over wire. Connect the device to your PC's built in connector through the Cross-Over patch cable.



Ethernet data connection establishment

Product setup

Connect the socket strip to a 230V mains socket outlet. Use a grounded outlet only. Connect the Ethernet network cable, then turn on the power switch of the device (I O labeled rocker switch). After about 10 seconds the device is available on the computer network with default connection settings.

IP address: 192.168.0.250 Subnet mask: 255.255.255.0 Web port: 80

You can now connect the remotely switched 230V powered devices as you wish.

The product is supplied with the relays switched on, so after switching on the first time, all four sockets will be powered with 1-2-3-4 seconds delay.

IPStecker remote control function

The remote control modes of the IPStecker were developed according to different customer needs and requests. Controlling the power supply of the connected devices is available through the following channels:

• Web browser port 80 / internet browser (IPStecker Online)

Most of the user's choice, the simplest plausible method for remote control via an Internet Browser with graphic interface. Most parameters of the unit are accessible through this default interface. The following browsers were tested:

- a. Internet Explorer 5,6,7,8
- b. Mozilla
- c. Opera
- **Telnet** port 23 / command line
 - a. Microsoft Telnet
 - b. Debian linux telnet
- PCSW protocol, port 1001

Secret internal protocol of Procontrol Ltd., used to edit system parameters and for firmware upgrades. Only for system administration purposes.

• Through web port 80 instead of web browser, even scheduled, or command line remote control, Perl script, PHP script. (sample script is available on the product's website)

Power supply control of the connected devices is even possible scheduled through web port 80 (instead of web browser), or controlled by program code. Tested under the following environment:

a. Microsoft Windows 2000, Windows XP, Windows Vista, Windows 2003 Server, Windows 2008 Server, Windows 7

Testing the IPStecker Ethernet connection

- Ping test: enter following command into the command line: PING 192.168.0.250
- If you receive a reply, you can try with your browser according to description below. If you do not receive any reply, check as follows:
- **FIREWALL DIFFICULTIES**: A well operating firewall may prevent the program from running correctly.

1. Web browser / IP Stecker Online

Power of the IPStecker's sockets can be individually switched on and off through a web browser. Access to the control page can be password protected.

FIREWALL DIFFICULTIES: A well operating firewall may prevent the program from running correctly.

Enter the default IP address into the browser: **192.168.0.250**

🖉 Procontrol device login - Windows Internet Explorer
S + http://192.168.0.236/
Fájl Szerkesztés Nézet Kedvencek Eszközök Súgó
🚖 Kedvencek 🛛 🚔 🌄 Javasolt helyek 👻 🔊 Ingyenes Hotmail
See Procontrol device login



If the user interface is not displayed, please check:

• Whether you established all connections properly?

- Whether at least one of the IPStecker's status LEDs is lit?
- Whether your PC's IP address is in the same network: 192.168.0.xxx?

After displaying the user interface you can enter a new IP address into the IP field of connection preferences.

To log in, enter the correct password. (default is admin)

To set interface language see section 10 below.



Sections of the web interface:

1. Plugs – Remote access of powers sockets.

The first section of the IPStecker's user interface displays the **current status of power socket strip**. A powered plug is marked green (ON), an unpowered plug is marked red (OFF).

With a single click on the buttons in the On/Off column, power can be switched ON or OFF in each plug (R1, R2, R3).

Restarting of each plug is also possible, they remain unpowered till the time delay set in section **Delays**. After the time period expires, the plug automatically switches on, and the web page is being refreshed. Each plug can be renamed by the user for easier identification in the **User** section of the web interface. The names given there are displayed in the User name column.

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ents	Build 00167				/IP Stecker	
nnection					2008.01.01 01:06.42	
curity						
te, time	:: Plugs remote cont	trol				
	Plug	User name	Current state	On / Off	Restart	
er -	1. plug	Dugalj 1	Off	ON/OFF	Restart	
ays	2. plug	Dugalj 2	Off	ON/OFF	Restart	
ve state	3. plug	Dugalj 3	Off	ON/OFF	Restart	
g sett.						
item		© 201	1. Procontrol Electronics Ltd.®™ All rig			
asurem.			http://www.procontrol.hu			
			PROCONTROL			

ATTENTION! ALWAYS USE THE SAVE BUTTON AFTER SETTINGS MODIFICATION AND DATA ENTRY!

2. Events – User operations log

The device logs each user operation and stores the last 128 event

3 192.168.0.209	/logview.cgi			☆ ▼ C Google	۶ م
ocontrol IPstecker	230-16 v4.1 EN × A Procontrol	× 💠 Procontrol Electronics Ltd.	× +		
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rity					
	:: Event log				
, time					_
	Serial number	Time	IP address	Event	
	1824	2008.01.01.00:10:47	0.0.0	Plug 1 OFF (9)	
	1823	2008.01.01. 00:10:45	0.0.0.0	Plug 1 ON (8)	
y s	1822	2008.01.01. 00:10:39	0.0.0	Plug 1 OFF (9)	
	1821	2008.01.01.00:10:36	0.0.0.0	Plug 1 ON (8)	
state	1820	2008.01.01.00:00:00	0.0.0.0	Plug 3 starting state OFF (7)	
	1819 1818	2008.01.01.00:00:00	0.0.0.0	Plug 2 starting state OFF (5) Plug 1 starting state OFF (3)	
sett.	1818	2008.01.01.00:00:00 2008.01.01.00:00:00	0.0.0.0	Device started (1)	
Jota	1816	2008.01.01. 01:20:17	0.0.0.0	Last still alive sign (19)	
em	1815	2008.01.01.00:00:00	0.0.0.0	Plug 3 starting state OFF (7)	
em	1813	2008.01.01. 00:00:00	0.0.0.0	Plug 2 starting state OFF (5)	
	1813	2008.01.01. 00:00:00	0.0.0.0	Plug 1 starting state OFF (3)	
surem.	1812	2008.01.01.00:00:00	0.0.0.0	Device started (1)	
	1811	2008.01.01. 01:20:17	0, 0, 0, 0	Last still alive sign (19)	
	1810	2008.01.01.00:01:24	0, 0, 0, 0	Plug 1 OFF (9)	
	1809	2008.01.01.00:01:23	0.0.0	Plug 1 ON (8)	
	1808	2008.01.01.00:01:22	0.0.0.0	Plug 1 OFF (9)	
	1807	2008.01.01.00:01:21	0.0.0	Plug 1 ON (8)	
	1806	2008.01.01.00:01:20	0.0.0	Plug 1 OFF (9)	
	1805	2008.01.01.00:01:16	0.0.0	Plug 1 ON (8)	
	<< Previous << First		1/7	Last>> Next>>	
			1//	LOST N NORTH	
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3. User – User settings

(Operation of the IPStecker is not affected by the settings in this section)

Each plug can be renamed (according to the connected devices e.g.) by the user for easier identification in this section. The names given here are displayed in the User name column of the first section. A maximum 10 character long name can be given to each plug with contents of the English alphabet.

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	Procontrol IP Stecke	r v4.1			
s	Build 00167			/IP 2008.01.01 (Stecker 01:05.04
ection					
ity ::	User settings (It doesn't co	ncern the operation of the device	e, supports the users' device i	dentification)	
time	Parameter	New settings	Current state	Default setting	
	Device' name		Stecker	Procontrol IP	
s	1. Plug		Dugalj 1	Plug 1	
state	2. Plug		Dugalj 2	Plug 2	
ett.	3. Plug		Dugalj 3	Plug 3	
m		Save	settings		
irem.					
			cs Ltd.⊛™ All rights reserved.		
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4. Connection – Connection settings

Parameters of the connection with the IPStecker can be changed here: IP address, default gateway, subnet mask, TCP/IP port.

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gs ents	Procontrol IP Stecker Build 00167	v4.1		/IF 2008.01.01 (9 Stecker 00:47.48
nection urity	:: Connection settings				_
e, time	Parameter	New settings	Current state	Default setting	
	DHCP	O On 🖲 Off	Off	On	
s	IP address		192.168.000.209	192.168.0.250	
state	Default gateway		192.168.000.001	192.168.0.1	
sett.	Subnet mask		255.255.255.000	255.255.255.0	
em		Save setti	ngs		
urem.		© 2011. Procontrol Electronics L			
		http://www.pro			
		PROCON			

5. Security – Security settings

A password can be set here to access the IPStecker's web interface. The password can be changed any time inside the control page. If you set and save a password here, the device asks for it the next time you want to log in. The default password is "admin". (Recommended to change it after the first login)

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🗲 🕘 192.168.0.209/security.cgi			☆ ▼ C Sociel	۶ 🏠 ר
Procontrol IPstecker 230-16 v4.1 EN × A Procontrol	× Procontrol Electronics Ltd.	× +		
Plugs Procontrol IP Events Build 00167			/IP Stecker 2008.01.01 00:51.01	
Connection Security Date, time Parameter	New settings	Current state	Default setting	
User Password		admin	admin	
Delays Save state	Save se			
Ping sett.	© 2011. Procontrol Electronics			i i
System	http://www.pr			
Measurem.	PROCO	VTROL		
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The Current state column gives information if a password is required to enter the web interface. If you do not wish to use a password, just leave the New settings field empty and click the Save setting button. The next login can be done without using a password. To restore password controlled access, it is only needed to type in a new password and click the Save setting button.

6. Date time – Date and time settings

The actual date and time can be set in this section. Certain types of IPStecker can automatically synchronize date and time data from an NTP server.

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Plugs	Procontrol IP Stee		onics Lta. A T			
Events Connection	Build 00167				/IP Stecker 2008.01.01 01:01.40	
Security	:: System time settings					
Date, time			Current system time			
User			2008.01.01 01:01.40			
Delays	Year	Month	Day	Hour	Minute	
Save state	2011	January -	01 👻	01	01	
Ping sett.			Save settings			
System Measurem.		© 2011. Proco	ntrol Electronics Ltd.@™ All rig	ghts reserved.		1
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7. Delays - Plug power on delay settings

A power on time delay can be set to each plug, measured in milliseconds. Using this option a heavy startup load is avoidable in case of devices with high power consumption starting simultaneously.

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Procontrol IPstecker	230-16 v4.1 E	N × A Procontrol	×	Procontrol Electronics Ltd. × +					
Plugs Events	P	rocontrol II Build 0016	9 Stecker v4.1			/II 2008.01.01	P Stecker 01:08.37		
Connection									
Security	:: R	elay' starting d	elay settings						
Date, time		Parameter	User name	New settings	Current state	Default setting			
User		1. Plug	Dugalj 1		1000	0			
Delays		2. Plug	Dugalj 2		2000	0			
Save state		3. Plug	Dugalj 3		3000	0			
Ping sett.				Save settings					
System				© 2011. Procontrol Electronics Ltd.®™ Al	I rights received				
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8. Save state – Saving the states of plugs

In this section the states of each plug can be set after a device restart or switching off. In the New settings column "Unchanged" leaves the plug in the current state, the "On" or "Off" changes the mode currently set. Currently stored state is displayed in the Current state column. During a power failure, or a blackout the IP Stecker's nonvolatile memory "remembers" the latest switching states and settings and reestablishes them when the power supply is restored. So the IP Stecker operates unchanged until you give a new command. This function can be turned off.

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ts	Build 00167				/IP Ste 2008.01.01 01:13	cker 5.42
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ity	ing the last plu	1 state				
time	ing the last play	jacuto				
	Parameter	User name	New settings	Current state	Default setting	
_	1. Plug	Dugalj 1	Off On Unchanged Off O On	On	Off	
5	2. Plug	Dugalj 2	Onter Off One Off Off Off Off Off Off Off Off Off Of	On	Off	
state	3. Plug	Dugalj 3	🖲 Unchanged 🔿 Off 🔿 On	On	Off	
ett.			Save settings			
m			Dave seeings			
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urem.						
			PROCONTROL			
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9. Ping settings – Automatic plug restart (automatic restart of crashed systems e.g., RESET)

With this function any number of operation checking signal can be sent out at any time to devices connected to the network. A device crash or a network failure is easily detectable with this method, and the malfunctioning device connected to the specific plug can be restarted.

The pinger pings a given IP address at specified time intervals, and if there is no answer after 5 times, the appropriate plug will be switched off and after 5 seconds on again.

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nection	Build 00167			/IP St 2008.01.01 01:	
	ing settings				
z, time	Ping parameters	1. Ping task	2. Ping task	3. Ping task	
	User name	Dugalj 1	Dugalj 2	Dugalj 3	
ys	Ping enable	🔿 Yes 🖲 No	🔿 Yes 🖲 No	🔿 Yes 🖲 No	
state	Time restriction enable	🔿 Yes 🖲 No	🔿 Yes 🖲 No	🔿 Yes 🖲 No	
sett.	Start of time restriction (hour:min)	00 : 00	00 : 00	00 : 00	
2m	End of time restriction (hour:min)	00 : 00	00 : 00	00 : 00	
iurem.	IP or DNS				
	IP from DNS server				
	Last answer time	(0)	(0)	(0)	
	Time to next ping (sec)	00	00	00	
	Maximum error count	00	00	00	
	1. Plug restart	🔿 Yes 🖲 No	🗇 Yes 🖲 No	🔿 Yes 🖲 No	
	2. Plug restart	🔿 Yes 🖲 No	🔿 Yes 🖲 No	🔿 Yes 🖲 No	
	3. Plug restart	🔿 Yes 🔍 No	🔿 Yes 🖲 No	🔿 Yes 🖲 No	
	4. Plug restart	Save settings	Save settings	Save settings	

10. System - Language settings and device restart/logout

Language of the web interface can be set to Hungarian or English.

Clicking the Restart device button, the IPStecker restarts, and by clicking the Logout button we can leave the web interface.

Firefox *					
€ 🕙 192.168.0.209	/language.cgi			🏠 ⊽ C 🛃 - Google	۶ 🏠 🤉
Procontrol IPstecker	230-16 v4.1 EN 🛛 × 🔺 Procontrol	× 🐢 Procontrol Elec	tronics Ltd. × +		
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Security	:: System				
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Delays			Save settings		
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System		© 2011. Proc	control Electronics Ltd.®™ All right	ts reserved.	
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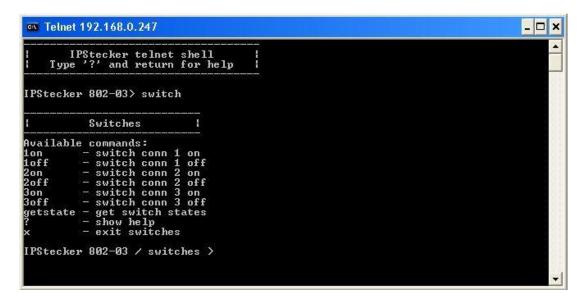
ATTENTION! ALWAYS USE THE SAVE BUTTON AFTER SETTINGS MODIFICATION AND DATA ENTRY!!

2. Telnet

Some functions of the IPStecker is available via Telnet. If a password was set to access the device, it will be also required to establish a Telnet connection. To access the IPStecker this way, create a command prompt: type in Start menu / Run window "cmd"; in case of Windows 98: command; and enter OK. Into the appearing textbox type in "telnet (IP address of the device)"

E.g. telnet 192.168.0.250

After the welcome screen of the IPStecker appears, you can type in any command. For the list of available commands type "," or "help".



Accessing the plugs, modifying connection settings and changing password are also available via Telnet. The password set this way is the same to reach the web interface.

3. Command line remote control through user developed program (SDK)

Remote control of the IPstecker through command prompt is also possible by downloading a utility software (Perlscript), which is available free of charge from <u>www.activeperl.com</u>.

Perl script usage:

1. Install Perl interpreter to the computer. (interpreter / motor / engine)

```
2. Start the command line script: stecker.pl [IP address][settings]
```

The script can be accessed from a webpage or from a unique program.

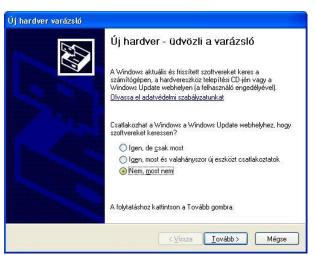
E.g. stecker.pl 192.168.2.25 +1 -2 +3 (this sample command switches on plug 1 and 3, and switches off plug 2.)

E.g. stecker.pl +1 Pass=admin

4. Command line control through USB connection

IPStecker is accessible not exclusively through Ethernet but it is connectible to your PC also through USB A-B wire and enables you to switch the sockets on a command line interface.

When you attach the device to your computer the first time, a dialogue box appear which guides you through the steps of driver setup. Once you click on "Not now" option you are enabled to give the path of the driver.



(The window below appears in the default language of Setup Wizard on your PC.)



Select the option of alternative setup path (advanced) and click "Continue".

Select the option "No search. I select the setup driver":



Int he next window click on "My disc" and browse "usbser.info" file:

Vála	assza ki a hardverhez telepítendő eszközillesztőt.
9	Válassza ki a hardver gyártóját és a megfelelő modellt, majd kattintson a Tovább gomb Ha van az illesztőprogramhoz telepítőlemeze, ak kork kattintson a Saját lemez gombra.
1770-1704-0	npatibilis hardvereszközök megjelenítése
Mod	ell .
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	cocontrol Virtual Serial Port
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Click "Continue" and Windows executes the driver setup. The device is now available in your system as a serial port device.

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Procontrol Virtual Serial Port			
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Rendszer-visszaállítási po biztonsági másolat készíté	nt létrehozása és a ése későbbi rendsze	régi fájlokról r-visszaállítás	
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Command line interface:

You can control the device by a simple line command user interface. Attach it with a USB wire, from your user kit, to your PC and start "Terminal" software, from your user kit.

- COM Port: select the COM Portot, which you connected with your device
- Baudrate: 115200
- Data bits: 8
- Parity: none
- Stop bits: 1
- Handshaking: none
- Tick "+CR" option beside "Send" button

Common Line Com Port Baud rate Data bits Parity Stop bits Handshaking Eescan COM 16 Com 1200 C14400 57600 C C C Com Port Com Port Com Port C 600 C 14400 C 57600 C	
Set font Auto Dis/Connect V Time V Stream log custom BR Rx Clear ASCII table Scripting CR=LF Stay on Top 115200 20 CR	200 Contractor (1997)
Receive C HEX □ Dec □ Bin	e j
14 02:26.394> Available commands: 14 02:26.394> switch - switch the connectors 14 02:26.394> stats - show network statistics 14 02:26.394> conn - show TCP parameters 14 02:26.394> help. ? - show help 14 02:26.394>	 ▲ 2D ▲ 2D 2D 2D
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Connected Rx: 9124 Tx: 166 Rx DK	~

Contact to the manufacturer

If any remark, question or request occurs to you contact us as follows:

PROCONTROL ELECTRONICS LTD.

www.procontrol.hu

email: service@procontrol.hu

Hardware manufacturing/service:

6725 Szeged, Cserepes sor 9/b. Hungary Tel: +36-62-444-007 Fax: +36-62-444-181

Please turn to us with your requests concerning the program in written form possibly, as obvious and detailed as possible.