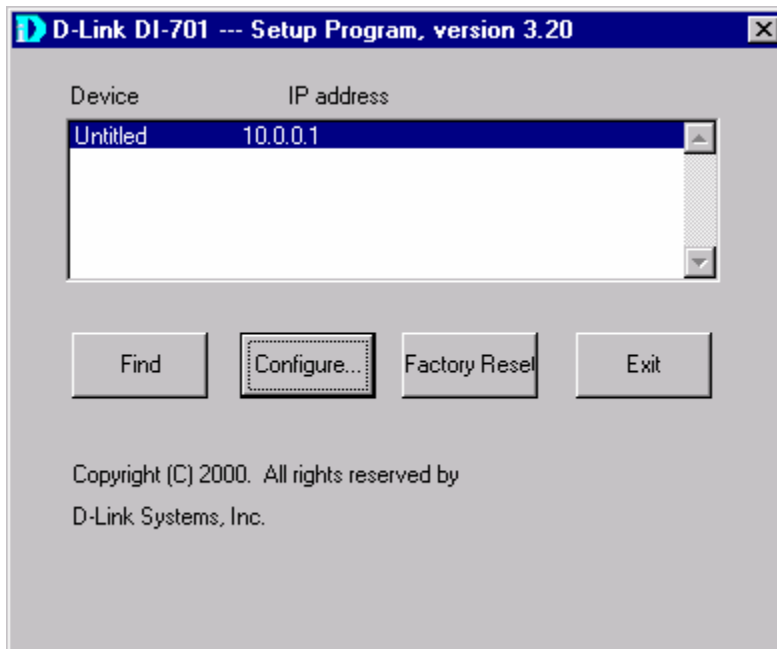


DI-701 F/w ver 3.21 (downloadable from  
<http://www.dlink.com.au/tech/resources/files/internets/di701.htm>)  
Date: 7 Aug 2001  
Author: Steven Sia  
Doc ver: 2.0

In this example, we are using 10.0.0.x as the network IP addresses.  
You have use the default one or your own range.  
Basically, you leave every settings as IT IS.  
Change ONLY the "Local Port" (if you want to)  
and "Virtual Server" (you must do this in order to log yourself onto Telstra Bigpond Cable network)  
The captures below are for your reference.



NOTHING TO BE SET OR CHANGED HERE. LEAVE IT AS IT IS.

**Configure** [X]

Management | Local Port | Global Port | Virtual Server | Packet Filters

Firmware version: 3.21

Device/Computer Name

Domain Name

☐ PPPoE Enabled

Username :

Password :

Auto-disconnect if idle for  minutes

☐ Change Administrator's Password

New Password

Confirm New Password

☐ TELNET management from Internet

Save Cancel

Change the IP address to the range you know. If you do not know, leave it as default settings.

The image shows a 'Configure' dialog box with a blue title bar and a close button. It has five tabs: 'Management', 'Local Port', 'Global Port', 'Virtual Server', and 'Packet Filters'. The 'Local Port' tab is selected. Inside the dialog, there are two text input fields: 'IP address' with the value '10 . 0 . 0 . 1' and 'SubNetmask' with the value '255 . 255 . 255 . 0'. Below these are two radio buttons. The first radio button is selected and is labeled 'Do not distribute IP address to local computer:'. The second radio button is labeled 'Distribute IP addresses to local computer:'. Below the second radio button is a sub-dialog box containing two more text input fields: 'Continuous IP address pool starts at' with the value '192 . 168 . 1 . 1' and 'Number of IP address in pool' with the value '128'. At the bottom of the main dialog are 'Save' and 'Cancel' buttons.

**Configure**

Management Local Port Global Port Virtual Server Packet Filters

IP address 10 . 0 . 0 . 1

SubNetmask 255 . 255 . 255 . 0

☒ Do not distribute IP address to local computer:

☐ Distribute IP addresses to local computer:

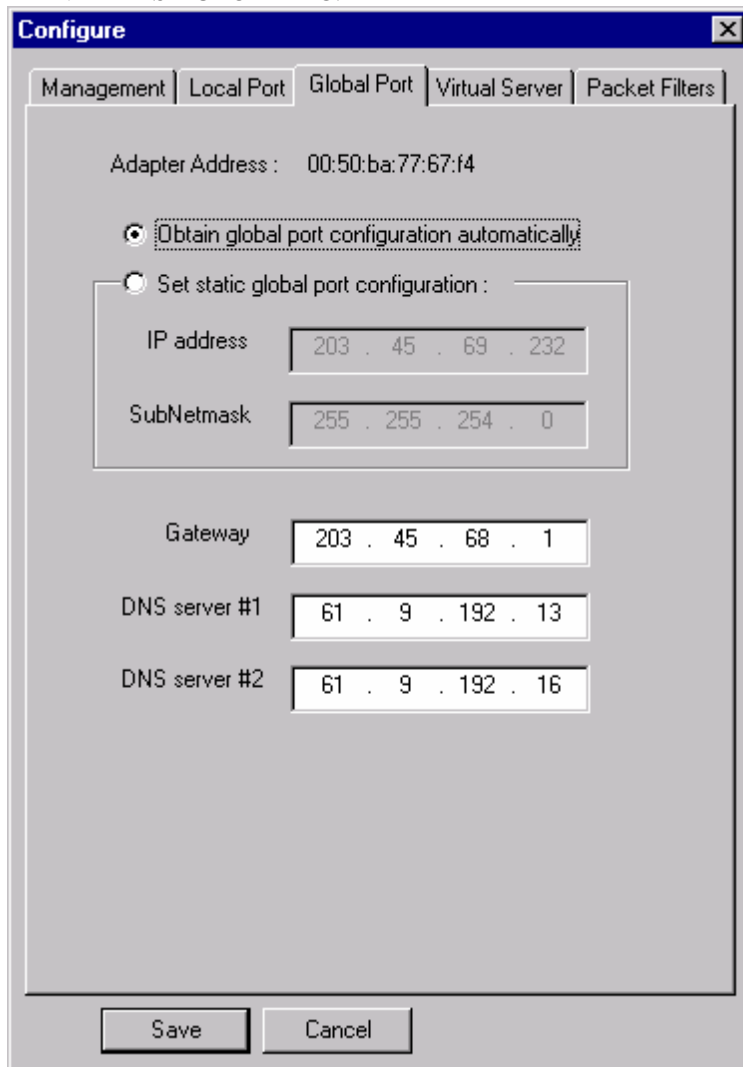
Continuous IP address pool starts at

192 . 168 . 1 . 1

Number of IP address in pool 128

Save Cancel

LEAVE IT AS AUTOMATIC.



The image shows a 'Configure' dialog box with a blue title bar and a close button. It has five tabs: 'Management', 'Local Port', 'Global Port', 'Virtual Server', and 'Packet Filters'. The 'Global Port' tab is selected. The 'Adapter Address' is '00:50:ba:77:67:f4'. There are two radio buttons: 'Obtain global port configuration automatically' (selected) and 'Set static global port configuration :'. The static configuration section is enclosed in a box and contains fields for 'IP address' (203 . 45 . 69 . 232) and 'SubNetmask' (255 . 255 . 254 . 0). Below this box are fields for 'Gateway' (203 . 45 . 68 . 1), 'DNS server #1' (61 . 9 . 192 . 13), and 'DNS server #2' (61 . 9 . 192 . 16). At the bottom are 'Save' and 'Cancel' buttons.

**Configure**

Management Local Port **Global Port** Virtual Server Packet Filters

Adapter Address : 00:50:ba:77:67:f4

☒ Obtain global port configuration automatically

☐ Set static global port configuration :

IP address 203 . 45 . 69 . 232

SubNetmask 255 . 255 . 254 . 0

Gateway 203 . 45 . 68 . 1

DNS server #1 61 . 9 . 192 . 13

DNS server #2 61 . 9 . 192 . 16

Save Cancel

Decide one master PC which runs the BPALogin program.

Add a “Single Port”=5050, “UDP”, “Local Server” = that master PC IP address.

The screenshot shows a 'Configure' dialog box with a blue title bar and a close button. It has five tabs: 'Management', 'Local Port', 'Global Port', 'Virtual Server', and 'Packet Filters'. The 'Local Port' tab is active. Inside, there's an 'Add Server' section with two radio buttons: 'Single Port' (selected) and 'Port Range'. Below 'Single Port' are two empty text boxes separated by 'to'. To the right, 'Port Type' has two radio buttons: 'TCP' (selected) and 'UDP'. Below these is a 'Local Server' label followed by a text box containing '10.0.0.13' and a 'Browse...' button. An 'Add' button is at the bottom right of the 'Add Server' section. Below that is a 'Server List' section with a table. The table has three columns: 'Port #', 'Local Server', and 'Type'. It contains one row with values '5050', '10.0.0.13', and 'UDP'. A 'Delete' button is at the bottom right of the 'Server List' section. At the very bottom of the dialog are 'Save' and 'Cancel' buttons.

Port #	Local Server	Type
5050	10.0.0.13	UDP

Nothing to be set here.

The screenshot shows a 'Configure' dialog box with a 'Packet Filters' tab selected. The dialog has four tabs: 'Management', 'Local Port', 'Global Port', and 'Virtual Server'. The 'Packet Filters' tab contains three filter configuration sections and a 'Filter List' section at the bottom.

- Network Adapter Address Filter:** Has radio buttons for 'Filter' (selected) and 'Forward'. Below is an 'Adapter address' field with six input boxes and an 'Add' button.
- IP Address Filter:** Has radio buttons for 'Filter' (selected) and 'Forward'. It includes sub-options for 'Single' (selected) and 'Range', and 'Local IP' (selected) and 'Remote IP'. There are input fields for the IP address and a range 'to' field, along with an 'Add' button.
- TCP/UDP Port Filter:** Has radio buttons for 'Filter' (selected) and 'Forward'. It includes sub-options for 'Single' (selected) and 'Range', and 'TCP' (selected) and 'UDP'. There are input fields for the port and a range 'to' field, along with an 'Add' button.
- Filter List:** A list box currently empty, with a 'Delete' button below it.

At the bottom of the dialog are 'Save' and 'Cancel' buttons.

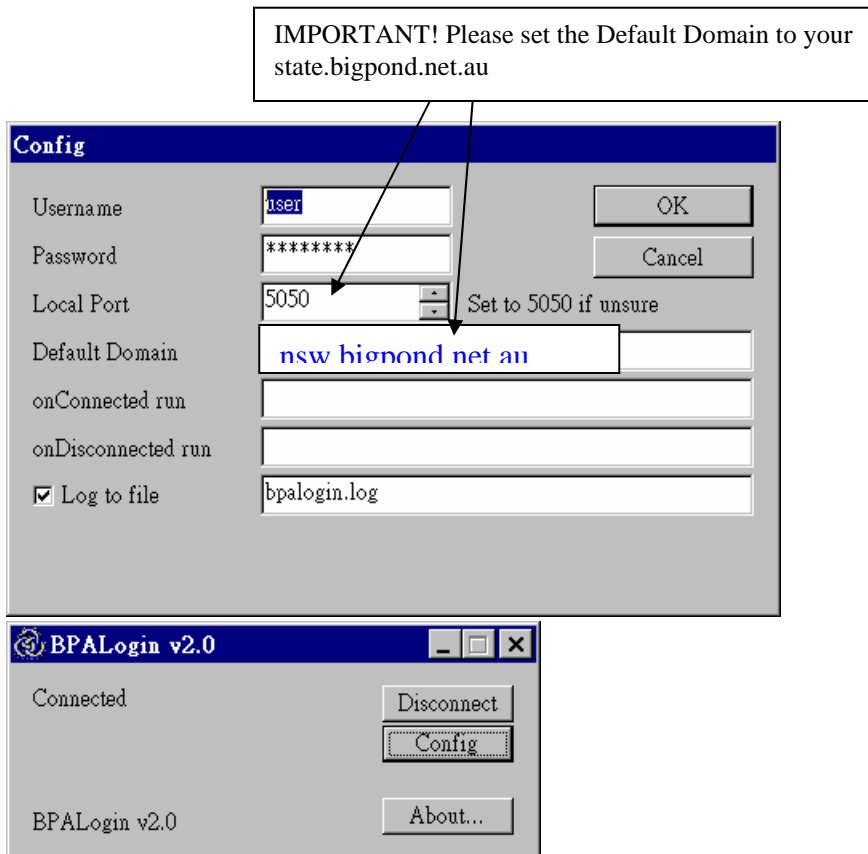
Setting up on BPALogin:

BPALogin is the freeware login client written by Shane Hyde. This is the client program that was modified to work on static port 5050. Please keep in mind that BPALogin is not distributed by or supported by Telstra or BigPond Advance. BPALogin is simply an open-source/freeware version of the authentication client.

You can see his page at <http://bpalogin.sourceforge.net/>

Basically, the settings is below:

- Just make sure the same port is used in DI-701 and BPALogin



#### IMPORTANT NOTES TO USERS:

For the best firmware and Config program to use in Australia, please visit:  
<http://www.dlink.com.au/tech/drivers/files/internets/di701.htm>

Note that the firmware version is 2.20 or 3.21. The Config program version can be version 2.20 (on the web) or version 2.22 (in the package). Both Config programs are working fine with firmware version 2.20 but we will recommend ver 2.20 as in this example. Config program version 3.20 has to be used with 3.21 firmware.

Other DI-701 related info (eg. setup on Bigpond ADSL service) is on:  
<http://www.dlink.com.au/tech/resources/files/internets/di701.htm>

#### Disclaimer:

The details provided here (at the time of available) are for reference only. We are providing these details "as is" in the hope that they could help customer in some situation. We will not be held responsible for any support and/or consequences that arise from these.