

راهنمای تنظیمات مودم

D-LINK 224



نحوه ورود به کنسول مودم

تنظیمات اینترنت

فعال کردن Annex m

نحوه ی خاموش کردن WPS مودم

تنظیمات وایرلس

نحوه راه اندازی acs روی مودم

فعالسازی ACL مودم

مشاهده پارامتر

تنظیمات PORT FORWARD

نحوه ورود به کنسول مودم :


آیپی دیفالت ورود به تنظیمات این مودم 192.168.1.1 است.

برای وارد شدن به کنسول مودم یک صفحه در مرورگر Internet Explorer یا Firefox یا Chrome باز کرده و در قسمت Address Bar آن، 192.168.1.1 را وارد کنید و سرچ کنید.

نام کاربری این مودم **admin** و رمز عبور آن شامل حرف و عددی است که در کف مودم بر روی برچسب آن درج شده است. بعد از وارد کردن نام کاربری و رمز عبور روی Login کلیک کنید.

Product Page: DSL-224

Firmware Version: ME_1.10



LOGIN

Input username and password

Username :

admin ▼

Password :

رمز درج شده روی برچسب مودم

login

BROADBAND

در قسمت **Internet setup** روی **Channel Config** کلیک کرده و مطابق تصویر ذیل موارد را بررسی فرمایید

The screenshot shows the D-Link DSL-224 web interface. The top navigation bar includes tabs for SETUP, ADVANCED, MAINTENANCE, STATUS, and HELP. The left sidebar lists various setup options: Wizard, Local Network, Internet Setup, Wireless Setup, and Time and Date. The 'Internet Setup' option is expanded, showing a sub-menu where 'Channel Config' is highlighted with a red circle. The main content area is titled 'SETTING UP YOUR INTERNET' and contains instructions on how to set up an Internet connection, mentioning a 'Setup Wizard' button. A 'Note' at the bottom of the main content area advises users to follow the Quick Installation Guide. On the right side, there is a 'Helpful Hints...' section with additional guidance for first-time users and advanced users.

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SETUP ADVANCED MAINTENANCE STATUS HELP

Wizard

Local Network

Internet Setup

Wireless Setup

Time and Date

Channel Config

ATM Settings

ADSL Settings

PVC Auto Search

SETTING UP YOUR INTERNET

There are two ways to set up your Internet connection. You can use the Web-based Internet Setup Wizard or you can manually configure the connection.

You must have your ISP's connection settings first if you choose manual setup.

CONNECTION WIZARD

You can use this wizard for assistance and quick connection of your new D-Link Router to the Internet. You will be presented with step-by-step instructions in order to get your Internet connection up and running. Click the button below to begin.

Setup Wizard

Note: Before launching the wizard, please ensure you have correctly followed the steps outlined in the Quick Installation Guide included with the router.

Helpful Hints...

First time users are recommended to run the **Setup Wizard**. Click the **Setup Wizard** button and you will be guided step by step through the process of setting up your ADSL connection.

If you consider yourself an advanced user or have configured a router before, click **Setup->Internet Setup** to input all the settings manually.

More...

(نکته: در صورتی که سرویس شما ADSL می باشد گزینه Chanel type روی ATM و در صورتی که سرویس شما VDSL می باشد PTM قرار دهید)

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SETUP

ADVANCED

MAINTENANCE

STATUS

HELP

Wizard

Local Network

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CHANNEL CONFIGURATION

This page is used to configure the parameters for the channel operation modes of your ADSL Modem/Router. Note : When connect type of PPPoE and PPPoA only is "Manual", the "Connect" and "Disconnect" button will be enable.

WAN PHYSICAL TYPE

WAN Physical Type: ☒ DSL WAN ☐ Ethernet WAN

DEFAULT ROUTE SELECTION

Default Route Selection: ☒ Auto ☐ Specified

CHANNEL CONFIGURATION

Channel Type:

VPI: VCI:

Encapsulation: ☒ LLC ☐ VC-Mux

Channel Mode:

Enable NAPT: ☒ Enable IGMP: ☐

VLAN: ☒ Disable ☐ Enable

VLAN ID(1-4095):

IP Protocol:

PPP Settings: User Name: Password:

Type: Idle Time (min):

WAN IP Settings: Type: ☒ Fixed IP/IP Unnumbered ☐ DHCP

Local IP Address:

Remote IP Address:

Netmask:

Default Route: ☐ Disable ☐ Enable ☒ Auto

Unnumbered ☐

Connect Disconnect Add Modify Delete Undo Refresh

Helpful Hints...




When configuring the router to access the Internet, be sure to choose the correct Channel Mode from the list below.

Please take care when entering your username and password as these are case sensitive. The majority of connection issues are caused by incorrect username or password combinations.

Note: Be sure to restart the router for the new Internet Setting to take effect.

More...

و برای تنظیمات در حالت VDSL مطابق تصویر زیر عمل شود:

WAN PHYSICAL TYPE	
WAN Physical Type: <input checked="" type="radio"/> DSL WAN <input type="radio"/> Ethernet WAN	
DEFAULT ROUTE SELECTION	
Default Route Selection: <input checked="" type="radio"/> Auto <input type="radio"/> Specified	
CHANNEL CONFIGURATION	
Channel Type: PTM 	
Channel Mode: PPPoE 	Enable NAPT: <input checked="" type="checkbox"/> Enable IGMP: <input type="checkbox"/>
Vlan Auto Detect: <input type="checkbox"/>	
VLAN: <input checked="" type="radio"/> Disable <input type="radio"/> Enable	VLAN ID(1-4095): <input type="text"/>
IP Protocol: Ipv4 	
PPP Settings: User Name: شناسه کاربری Password: رمز pppoe	
Type: Continuous	Idle Time (min): <input type="text"/>
WAN IP Settings: Type: <input checked="" type="radio"/> Fixed IP/IP Unnumbered <input type="radio"/> DHCP	
Local IP Address: <input type="text"/>	Remote IP Address: <input type="text"/>
Netmask: <input type="text"/>	
Default Route: <input type="radio"/> Disable <input type="radio"/> Enable <input checked="" type="radio"/> Auto	
Unnumbered <input type="checkbox"/>	

فعال کردن Annex m

در قسمت **Internet setup** روی **Adsl settings** کلیک کرده و صفحه تنظیمات باز میشود. تیک **annex m** فعال و **apply change** را بزنید

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DSL-224 // **SETUP** **ADVANCED** **MAINTENANCE** **STATUS** **HELP**

Wizard
Local Network
Internet Setup
Wireless Setup
Time and Date

ADSL SETTINGS

Adsl Settings.

ADSL SETTINGS

ADSL modulation:

- ☐ G.Lite
- ☒ G.Dmt
- ☒ T1.413
- ☒ ADSL2
- ☒ ADSL2+
- ☒ VDSL2

AnnexL Option:

- ☒ Enabled

AnnexM Option:

- ☐ Enabled

VDSL2 Profile:

- ☒ 8A
- ☒ 8B
- ☒ 8C
- ☒ 8D
- ☒ 12A
- ☒ 12B
- ☒ 17A
- ☒ 30A

ADSL Capability:

- ☒ Bitswap Enable
- ☒ SRA Enable

[Apply Changes](#)

Helpful Hints...
Do not change these settings unless directed by your ISP.
[More...](#)

ابتدا گزینه‌ی setup را انتخاب می‌کنیم. سپس از گزینه‌های سمت چپ، گزینه‌ی ۲/۴ wireless را انتخاب و برای تغییر نام وایرلس، زیر منوی Basic را انتخاب می‌کنیم و در قسمت SSID نام وایرلس را تغییر می‌دهیم.

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DSL-224	SETUP	ADVANCED	MAINTENANCE	STATUS	HELP
Wizard	SETTING UP YOUR INTERNET There are two ways to set up your Internet connection. You can use the Web-based Internet Connection Setup Wizard or you can manually configure the connection.				Helpful Hints... First time users are recommended to run the Setup Wizard . Click the Setup Wizard button and you will be guided step by step through the process of setting up your ADSL connection. If you consider yourself an advanced user or have configured a router before, click Setup->Internet Setup to input all the settings manually. More...
Local Network	WIRELESS BASIC SETTINGS You have your ISP's connection settings first if you choose manual setup.				
Internet Setup	WIRELESS SECURITY You can use this wizard for assistance and quick connection of your new D-Link Router to the Internet. You will be presented with step-by-step instructions in order to get your Internet connection up and running. Click the button below to begin.				
Wireless Setup	WIRELESS GRE Note: Before launching the wizard, please ensure you have correctly followed the steps outlined in the Quick Installation Guide included with the router.				
Time and Date	Setup Wizard				

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DSL-224	SETUP	ADVANCED	MAINTENANCE	STATUS	HELP
Wizard	WIRELESS BASIC SETTINGS This page is used to configure the parameters for wireless LAN clients which may connect to your Access Point. Here you may change wireless encryption settings as well as wireless network parameters.				Helpful Hints... Changing your Wireless Network Name (SSID) is the first step in securing your wireless network. Change it to a familiar name that does not contain any personal information. For your wireless devices to connect to your router, you will need to manually enter the Wireless Network Name (SSID) on each device. (Please take a note of your SSID and keep it to hand.) More...
Local Network	WIRELESS NETWORK SETTINGS				
Internet Setup	<input type="checkbox"/> Disable Wireless LAN Interface Band: 2.4 GHz (N) ▾ Mode: AP ▾ SSID: نام دلخواه برای مودم Channel Number: 11 ▾ Current Channel: 11 Radio Power (Percent): 100% ▾ Associated Clients: Show Active Clients				
Wireless Setup	WIRELESS OPTIONS Channel Width: 20/40MHZ ▾ Control Sideband: Upper ▾				
Time and Date	Apply Changes				

در قسمت security نیز میتوانید مطابق تصویر رمز مودم را تغییر دهید.

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WIRELESS SECURITY SETTINGS

This page allows you setup the wireless security. Turn on WEP or WPA by using Encryption Keys could prevent any unauthorized access to your wireless network.

WIRELESS SECURITY SETTINGS

SSID TYPE: ☒ Root ☐ VAP0 ☐ VAP1

Encryption:

WPA2(AES)

Use 802.1x Authentication ☐ ☐ WEP 64bits ☒ WEP 128bits

WPA Authentication Mode: ☐ Enterprise (RADIUS) ☒ Personal (Pre-Shared Key)

Pre-Shared Key Format:

Passphrase

Pre-Shared Key: ***** رمز دلخواه برای مودم

Authentication RADIUS Server:

Port 1812 IP address 0.0.0.0

Password

Note: When encryption WEP is selected, you must set WEP key value.

Apply Changes

Helpful Hints...

If you enable Wireless Security, make sure write down the encryption key that you have configured. You will need to enter this information on a wireless device that connect to your wireless network.

More...

نحوه ی خاموش کردن WPS مودم:

روی سربرگ **Advanced** کلیک کرده در سمت چپ در قسمت **wireless advanced** قسمت **Wps** کلیک کرده سپس طبق مراحل زیر Wps خاموش میشود.

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Advanced Wireless

Wireless Advanced

Access Control List

Access Control

Port Triggering

WPS

Port Forwarding

MBSSID

DMZ

Parent Control

Filtering Options

DOS Settings

DNS

Dynamic DNS

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WPS SETUP

to change the setting for WPS (Wi-Fi Protected Setup). Using this feature could let your wireless synchronize its setting and connect to the Access Point in a minute without any hassle.

WPS SETTINGS

☒ **Disable WPS**

تیک برداشته شود

WPS Status: ☒ Configured ☐ UnConfigured

Self-PIN Number:

PIN Configuration:

Push Button Configuration:

CURRENT KEY INFO

Authentication	Encryption	Key
WPA2-Mixed PSK	TKIP+AES	- - -

CLIENT PIN INFO

Client PIN Number:

نحوه راه اندازی acs روی مودم:
روی سربرگ **Advanced** کلیک کرده در سمت چپ در قسمت **Network Tools** روی **Tr069** کلیک کرده سپس صفحه تنظیمات ACS باز میشود و مطابق تصویر زیر فعالسازی را انجام دهید.

URL: <http://tr069-delsa.net:9675>

Inform interval: 3600

Port: 7548

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SETUP ADVANCED MAINTENANCE STATUS HELP

TR-069 CONFIGURATION

This page is used to configure the TR-069 CPE. Here you may change the setting for the ACS's parameters.

ACS CONFIGURATION

Enable: ☒

URL:

User Name:

Password:

Periodic Inform Enable: ☐ Disable ☒ Enable

Periodic Inform Interval: seconds

CONNECTION REQUEST

User Name:

Password:

Path:

Port:

DEBUG

ACS Certificates CPE: ☒ No ☐ Yes

Show Message: ☒ Disable ☐ Enable

CPE Sends GetRPC: ☒ Disable ☐ Enable

Skip MReboot: ☒ Disable ☐ Enable

Delay: ☐ Disable ☒ Enable

Auto-Execution: ☐ Disable ☒ Enable

CT Inform Extension: ☒ Disable ☐ Enable

Apply Changes Reset

Helpful Hints...

Provides a means to monitor status and performance as well as set configuration parameters from WAN side.

[More...](#)

فعالسازی ACL مودم:

برای فعال کردن ACL مودم روی سربرگ Advance کلیک کرده در سمت چپ در قسمت Access Control List روی Access Control کلیک کرده و سپس وارد صفحه تنظیمات ACL میشویم .

ابتدا direction select روی wan قرار داده شود سپس wan interface روی any گذاشته شود، تیک مربوط به web فعال شده و سپس بر روی گزینه add کلیک کنید.

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ACL CONFIGURATION

You can specify what services are accessible from LAN or WAN parts. Entries in this ACL table are used to permit certain types of data packets from your local network or Internet network to the Gateway. Using of such access control can be helpful in securing or restricting the Gateway management.

ACL MODE

LAN ACL Mode: ☒ White List ☐ Black List
WAN ACL Mode: ☒ White List ☐ Black List

Apply

ACL CONFIGURATION -- DIRECTION

Direction Select: ☐ LAN ☒ WAN

ACL SETTINGS

WAN Setting:
WAN Interface:
Services Allowed:

- ☒ web
- ☒ telnet
- ☐ ssh
- ☐ ftp
- ☐ tftp
- ☒ ping

Add

CURRENT ACL TABLE

Select	Direction	IP Address/Interface	Service	Port	Action
0	WAN	0.0.0.0	web	80	Delete

Helpful Hints...

You can enable/disable specified service from LAN or WAN.

More...

مشاهده پارامتر:

روی قسمت stats کلیک کرده ، در قسمت upstream مقادیر آپلود و در قسمت down stream مقادیر دانلود قابل مشاهده هستند در قسمت snr margin down stream میزان snr دانلود قابل مشاهده است و در قسمت snr margin up stream میزان snr آپلود قابل مشاهده است

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SETUP

ADVANCED

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Device Info

Wireless Clients

DHCP Clients

ADSL Driver

Statistics

Route Info

ADSL CONFIGURATION

This page shows the setting of the ADSL Router.

ADSL

Adsl Line Status	SHOWTIME.
Adsl Mode	G992.5
Channel Mode	Interleave
Up Stream	574 kbps
Down Stream	8191 kbps
Attenuation Down Stream	13
Attenuation Up Stream	12
SNR Margin Down Stream	30.1
SNR Margin Up Stream	23.6
Vendor ID	RETK
Firmware Version	v136h720
CRC Errors	0
Up Stream BER	0e-7
Down Stream BER	0e-7
Up Output Power	-12
Down Output Power	12
ES	0
SES	0
UAS	109

Retrain

Refresh

Helpful Hints...

Displays ADSL setting.

More...

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تنظیمات PORT FORWARD :

روی سربرگ Advanced کلیک کرده در سمت چپ در قسمت Port forwarding تنظیمات پورت فوروادینگ را انجام داد. مطابق تصویر میتوان اسم پورت فوروارد پروتکل-پورت ها و اینترفیس آن را مشخص کرد. در قسمت wan و lan port عدد مربوط به port مورد نظر و در قسمت lan ip address میتوان ip که میخواهیم port را روی آن forward کنیم قرار دهیم و در نهایت روی add کلیک شود.

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PORT FORWARDING

Port Forwarding allows you to direct incoming traffic from the WAN side (identified by Protocol and WAN port) to the internal server with a private IP address on the LAN side. Select Usual Service Name, and enter the LAN IP address and click "Apply Changes" to forward IP packets for this service to the specified server.

PORT FORWARDING SETUP

☐ Usual Service Name AUTH
☒ User-defined Service Name

Protocol TCP
WAN Setting Interface
WAN Interface pppoe1
WAN Port 113 (ex. 5001:5010)
LAN Open Port 113
LAN Setting Ip Address
LAN IP Address

Add Modify

Helpful Hints...

Check the Usual Service Name drop down menu for a list of predefined applications.

If you do not see your application listed you can still define a new service.

[More...](#)

CURRENT PORT FORWARDING TABLE

Select	Server Name	Protocol	Local IP Address	Local Port	WAN IP Address	WAN Port	State	Action
--------	-------------	----------	------------------	------------	----------------	----------	-------	--------

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