

How do I control who connects to my LAN with MAC address?

Step 1: Log into you device using it's IP address, for example:

B	192.168.0.1
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Step 2: Click on "ADVANCED" then "NETWORK FILTER"

Product Page : DIR-845L					(Hardware Version : A1	Firmware Version : 1.02	
D-Lini	Č						\prec	
DIR-845L	SETUP	ADVA	NCED	т	DOLS	STATUS	SUPPORT	
VIRTUAL SERVER	MAC ADDRESS FILT	ER					Helpful Hints	
PORT FORWARDING	The MAC (Media Acces	s Controller) A	Address filter op	tion is use	d to control net	twork access based on	Create a list of MAC	
APPLICATION RULES	the MAC Address of the manufacturer of the ne	e network ada twork adapte	pter. A MAC ad	dress is a an be con	unique ID assig figured to ALLO	ned by the W or DENY	addresses and choose whether to allow or deny	
QOS ENGINE	network/Internet acces	is.					them access to your network.	
NETWORK FILTER	Save Settings Don	't Save Setting	s				Computers that have	
ACCESS CONTROL	24 MAC ETI TERIN	G RIII ES					from the router's DHCP	
WEBSITE FILTER	TE FILTER DHCP Client List. Select a							
INBOUND FILTER	Configure MAC Filtering) below:					device from the drop down menu and click the	
FIREWALL SETTINGS	Turn MAC Filtering OFF						arrow to add that device's MAC to the list.	
ROUTING	Remaining number of r	ules that can	be created: 24				• Use the check box on	
ADVANCED WIRELESS	MAC Addre	ss	DHCP Clie	ent List		Schedule	the left to either enable or disable a particular	
WI-FI PROTECTED SETUP		<<	Computer Nam	ie 🗸	Always 🔽	New Schedule	entry. Use the Always drop 	
ADVANCED NETWORK		<<	Computer Nam	ie 🗸	Always 🖂	New Schedule	down menu if you have previously defined a	
GUEST ZONE		<<	Computer Nam	ie 🗸	Always 🔽	New Schedule	schedule in the router. If not, click on the New	
IPV6 FIREWALL			Computer Nam	ie 🗸	Always 🗸	New Schedule	Schedule button to add one.	
IPV6 ROUTING			Computer Nam		Always V	New Schedule	• More	
			Computer New			New Cebedule		
			Computer Nam		Always 💟	wew schedule		
		<<	Computer Nam	ie 🗸	Always 🔽	New Schedule		
		<<	Computer Nam	ie 🔽	Always 🔽	New Schedule		
		<<	Computer Nam	ie 🔽	Always 💟	New Schedule		
		<<	Computer Nam	ie 🔽	Always 🔽	New Schedule		

Step 3: Click on "Configure MAC Filter below:"

Here you can select between either; "<u>Turn MAC Filtering ON and ALLOW</u> <u>computer listed to access the network</u>" or "<u>Turn MAC Filtering ON and</u> <u>DENY computer listed to access the network</u>"

How to Control Access by MAC Address – DIR-845L



With this option enabled you may have up to 24 MAC address associated to either "ALLOW" or "DENY".

In this example, will explain how to "ALLOW" computers to access your network.

Step 4: Click on "Turn MAC Filtering ON and ALLOW computers listed to access the network"



Once selected the you are then able to insert the desired MAC address (as below)

*Please ensure you allow the MAC address of the computer you are using to the list before adding any others. If not, you will not be able to access the router via the web GUI.

Product Page : DIR-845L						Hardware Version : A1	Firmware Version : 1.02			
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VIRTUAL SERVER	MAC ADDRESS FILTE	R					Helpful Hints			
PORT FORWARDING	The MAC (Media Access	Controller) A	Address filter of	otion is use	d to control net	work access based on	Create a list of MAC			
APPLICATION RULES	the MAC Address of the manufacturer of the net	network ada work adapte	pter. A MAC ac r. This feature	ldress is a	unique ID assig figured to ALLO	ned by the W or DENY	addresses and choose whether to allow or deny			
QOS ENGINE	network/Internet access						them access to your network.			
NETWORK FILTER	Save Settings Don't	Save Setting	5				Computers that have			
ACCESS CONTROL							from the router's DHCP			
WEBSITE FILTER	24 MAC FILTERING	RULES					server will be in the DHCP Client List. Select a			
INBOUND FILTER	Configure MAC Filtering	below:					device from the drop down menu and click the			
FIREWALL SETTINGS	Turn MAC Filtering ON an	d ALLOW con	puters listed to	access the i	network 🔽		arrow to add that device's MAC to the list			
ROUTING	Remaining number of ru	les that can	be created: 23				Use the check box on			
ADVANCED WIRELESS	MAC Addres	s	DHCP Cli	ent List		Schedule	the left to either enable or disable a particular			
WI-FI PROTECTED SETUP	74:86:7A:6F:49:FA	<<	Computer Nar	ne 🗸	Always 🔽	New Schedule	entry. • Use the Always drop			
ADVANCED NETWORK		<<	Computer Nar	ne 🔽	Always 🔽	New Schedule	down menu if you have previously defined a			
GUEST ZONE		<<	Computer Nar	ne 🗸	Always 🗸	New Schedule	schedule in the router. If not, click on the New			
IPV6 FIREWALL			Computer Nar		Aburaure w	New Schedule	Schedule button to add			
IPV6 ROUTING			Compater Har		Family3 V	New Schedule	More			
		<<	Computer Nar	ne 🔽	Always 🔽	New Schedule				
		<<	Computer Nar	ne 🔽	Always 🔽	New Schedule				
		<<	Computer Nar	ne 🔽	Always 🔽	New Schedule				
		<<	Computer Nar	ne 🗸	Always 🔽	New Schedule				



Step 5: Insert your MAC Address (for example) **74:86:7A:6F:49:FA** – Click on "Save Settings"

You will notice after clicking on "Save Settings" there will be the remaining permitted number of MAC address you are able to add to the list

24 MAC FILTERING RULES		
Configure MAC Filtering below: Turn MAC Filtering ON and ALLOW	computers listed to access the netwo	k V
Remaining number of rules that c	an be created: 23	
MAC Address	DHCP Client List	Schedule

To DENY a MAC address the process will be the same except for changing the option from; "Turn MAC Filtering ON and ALLOW computer listed to access the network" or "Turn MAC Filtering ON to DENY computer listed to access the network"

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