

D-Link[®] Technical Support Setup Procedure

How To Configure Remote Viewing for DCS-930L & DCS-932L (DDNS & Port Forwarding)

**In this Example,
We have a DCS-932L ip camera which is put at the LAN of a router,
DIR-655. We need to access the ip camera remotely.**

IP Camera Setup

Step 1: Please access to your DCS-932L WEB Interface via www.mydlink.com.

If you know the IP Address of your camera, you may access the WEB Interface directly by opening a web browser such as Internet Explorer, Mozilla Firefox or Safari. On the address bar, type in the IP Address of the camera, for example <http://192.168.0.11>, press **Enter** key on your keyboard.

Please enter the username "admin" and the password to login your camera.



Step 2: Click on the **SETUP** tab on top and then click on **Network Setup** on the Left Hand Side. Under the **LAN SETTINGS**, set a static IP address to the camera, for example:

IP Address: 192.168.0.20

Subnet Mask: 255.255.255.0

Default Gateway: 192.168.0.1 (The ip address of your router, in this example DIR-655)

Enable UPnP Port Forwarding – this is to add port forwarding to your router's firewall automatically.

Click **Save Settings**. The camera will restart. Please access using the new IP address, ie. 192.168.0.20.

DCS-932L	LIVE VIDEO	1 SETUP	MAINTENANCE	STATUS
Wizard	NETWORK SETUP			
Network Setup 2	You can configure your LAN and Internet settings here.			
Wireless Setup	6 <input type="button" value="Save Settings"/> <input type="button" value="Don't Save Settings"/>			
Dynamic DNS	LAN SETTINGS			
Image Setup	<input type="radio"/> DHCP Connection 3 <input checked="" type="radio"/> Static IP Address <input type="radio"/> PPPoE			
Video	4 IP Address <input type="text" value="192.168.0.20"/> User ID <input type="text"/>			
Audio	Subnet Mask <input type="text" value="255.255.255.0"/> Password <input type="text"/>			
Motion Detection	Default Gateway <input type="text" value="192.168.0.1"/>			
Mail	Primary DNS <input type="text"/>			
FTP	Secondary DNS <input type="text"/>			
Time and Date	PORT SETTINGS			
Day/Night Mode	HTTP Port <input type="text" value="80"/>			
Logout	UPnP SETTINGS			
	UPnP <input checked="" type="radio"/> Enable <input type="radio"/> Disable			
	UPnP Port Forwarding <input checked="" type="radio"/> Enable <input type="radio"/> Disable 5			

Router Setup

Step 3: Login to your router's WEB interface via <http://192.168.0.1> , in this example DIR-655.

Product Page: DIR-655 Hardware Version: A3 Firmware Version: 1.32NA



LOGIN

Log in to the router:

User Name :

Password :

Step 4: Click on the **ADVANCED** tab on top and then click on the **Virtual Server** on the Left Hand Side. Configure the following:

Name: Your ip camera's model name

IP Address: Your ip camera's static ip address, in this example 192.168.0.20

Public & Private Port: 80

Protocol: Both

Schedule: Always

Inbound Filter: Allow All

Product Page: DIR-655 Hardware Version: A3 F

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DIR-655 // **1** **ADVANCED** TOOLS STATUS

2 **VIRTUAL SERVER**

PORT FORWARDING
APPLICATION RULES
QOS ENGINE
NETWORK FILTER
ACCESS CONTROL
WEBSITE FILTER
INBOUND FILTER
FIREWALL SETTINGS
ROUTING
ADVANCED WIRELESS
WISH
WI-FI PROTECTED SETUP

The Virtual Server option allows you to define a single public port on your router for redirection to an internal LAN IP Address and Private LAN port if required. This feature is useful for hosting online services such as FTP or Web Servers.

4 Save Settings Don't Save Settings

24--VIRTUAL SERVERS LIST

3	Name	Port	Traffic Type	Schedule
<input checked="" type="checkbox"/>	DCS-932L Application Name	80 Public	Both Protocol	Always Schedule
	192.168.0.20 Computer Name	80 Private	257 Inbound Filter	Allow All Inbound Filter
<input type="checkbox"/>	 Application Name	0 Public	TCP Protocol	Always Schedule
	0.0.0.0 Computer Name	0 Private	6 Inbound Filter	Allow All Inbound Filter

Step 5: Click on the **TOOLS** tab on top and then click on the **Dynamic DNS** on the Left Hand Side. Configure the following:

1. Enable Dynamic DNS
2. Select the DDNS Server where you've registered
3. Enter the Host Name used when you've registered to a DDNS
4. Enter the Username used to login to the DDNS Server
5. Enter the Password used to login to the DDNS Server
6. Click on the **Save Settings** button

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DIR-655

SETUP

ADVANCED

1 TOOLS

STATUS

ADMIN

TIME

SYSLOG

EMAIL SETTINGS

SYSTEM

FIRMWARE

DYNAMIC DNS 2

SYSTEM CHECK

SCHEDULES

DYNAMIC DNS

The DDNS feature allows you to host a server (Web, FTP, Game Server, etc...) using a domain name that you have purchased (www.whateveryournameis.com) with your dynamically assigned IP address. Most broadband Internet Service Providers assign dynamic (changing) IP addresses. Using a DDNS service provider, your friends can enter your host name to connect to your game server no matter what your IP address is.

Sign up for D-Link's Free DDNS service at www.DLinkDDNS.com.

Save Settings 4 Don't Save Settings

DYNAMIC DNS

Enable Dynamic DNS: **3**

Server Address: <<

Host Name: (e.g.: me.mydomain.net)

Username or Key:

Password or Key:

Verify Password or Key:

Timeout: (hours)

Status: Disconnect

Step 6: User will now be able to access the camera at the following URL, in this example:

<http://dlink123.dlinkddns.com>

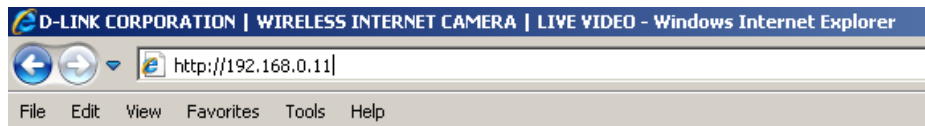
Alternatively, if your router DOES NOT support DDNS function, you may configure the DDNS setting on your ip camera.

How To Configure DDNS on DCS-930L/DCS-932L

Step 1: Please access to your DCS-930L/DCS-932L WEB Interface via www.mydlink.com.

If you know the IP Address of your camera, you may access the WEB Interface directly by opening a web browser such as Internet Explorer, Mozilla Firefox or Safari. On the address bar, type in the IP Address of the camera, for example <http://192.168.0.11>, press **Enter** key on your keyboard.

Please enter the username "admin" and the password to login your camera.



Step 2: Click on the **SETUP** tab on top and then click on the **Dynamic DNS** on the Left Hand Side. Under the **DYNAMIC DNS SETTINGS**, configure the following:

1. Enable DDNS
2. Select the DDNS Server where you've registered
3. Enter the Host Name used when you've registered to a DDNS
4. Enter the Username used to login to the DDNS Server
5. Enter the Password used to login to the DDNS Server
6. Click on the **Save Settings** button

DCS-932L	LIVE VIDEO	SETUP 1	MAINTENANCE	STATUS
Wizard	DYNAMIC DNS			
Network Setup	The Dynamic DNS feature allows you to host a server (Web, FTP, Camera, etc...) using a domain name that you have purchased (www.whateveryournameis.com) from your broadband Internet Service Provider (ISP). Using a DDNS service, your friends can enter your host name to connect to your IP Camera regardless of your IP address.			
Wireless Setup	3 <input type="button" value="Save Settings"/> <input type="button" value="Don't Save Settings"/>			
Dynamic DNS 2	DYNAMIC DNS SETTING			
Image Setup	<input checked="" type="radio"/> Enable <input type="radio"/> Disable 4			
Video	Server Address <input type="text" value="www.dlinkddns.com"/> << <input type="text" value="www.dlinkddns.com"/>			
Audio	Host Name <input type="text" value="dlink123.dlinkddns.com"/>			
Motion Detection	User Name <input type="text" value="jessper"/>			
Mail	Password <input type="password" value="*****"/>			
FTP	Timeout <input type="text" value="576"/> hours			
Time and Date				
Day/Night Mode				
Logout				