

This guide will show you how to set up your system for connection over the Internet using a PC, Mac, Smartphone, or Tablet.



Before You Start:

Make sure you have:

- A router and high-speed Internet access (not included).
- Connected the DVR to a router or switch on your network using an Ethernet cable. See the Quick Connection Guide for details.
- A PC or Mac connected to the same router as your DVR.

Except where noted, the instructions are the same for PC and Mac users.

1 Find Your IP and MAC Address

Press the button on the front panel of the DVR.

OR

Right-click and click the **Main Menu** button (), then **System>Info**.

Record your information below:

IP ADDRESS: _____

MAC ADDRESS: _____

INFO	
Device Type	D3308000
Firmware Version	V4.1.0-20130329
IE Version	V1.1.1160.0
IP Address	192.168.0.230
MAC Address	00-23-63-60-7C-B6
Domain Name	DDNS is closed
HDD Capacity	217G/238G
Video Format	NTSC
Client Port	9991
HTTP Port	9992

3 Port Forwarding

Manually forward ports 80 and 9000 to the DVR's IP address.

All routers are different. To port forward your router, please refer to your router's user manual.

An example of a port forwarding screen is shown for illustration purposes:

EXAMPLE					
Port Range					
Application	Start	End	Protocol	IP Address	Enable
HTTP	80	to 80	Both	192.168.1.12	<input checked="" type="checkbox"/>
Client	9000	to 9000	Both	192.168.1.12	<input checked="" type="checkbox"/>

NOTE: An automatic port forwarding wizard is available from www.flirsecurity.com/pro.

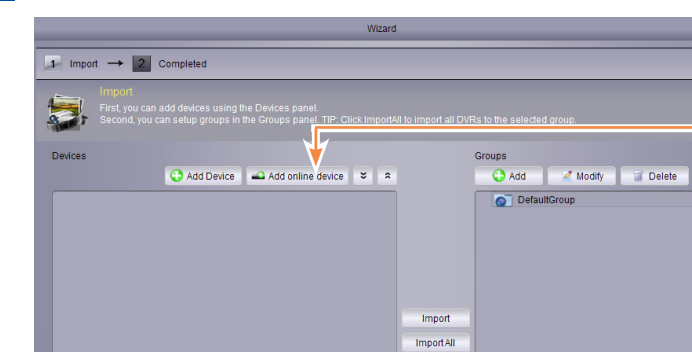
2 Local Connection—PC & Mac

a Install CMS-D3 from the CD or from www.flirsecurity.com/pro on a PC or Mac on the same local area network (LAN) as the DVR.

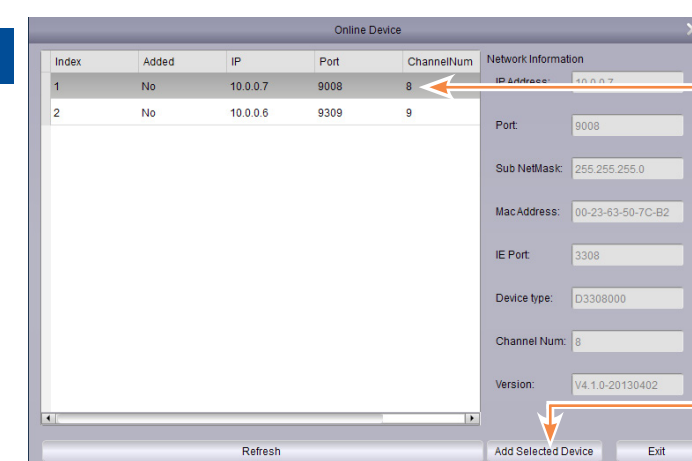
b Double-click the CMS-D3 icon from the desktop. Click **Login** (by default a password is not required to log into the software).

c Click **Next** to open the Add DVR Wizard.

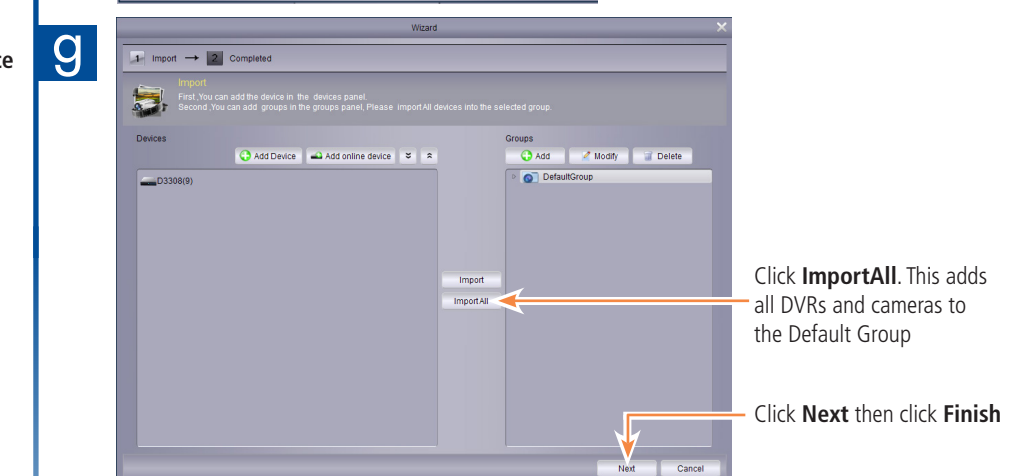
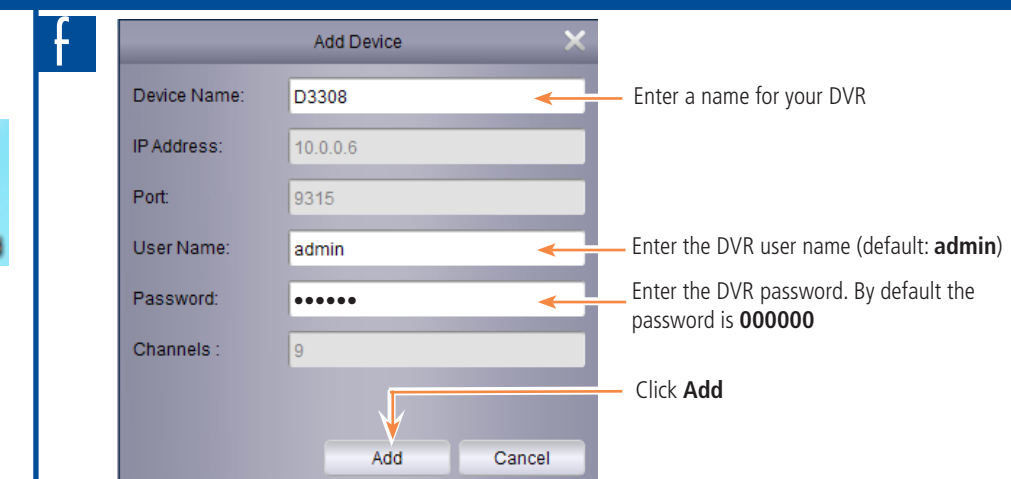
d Click **Add online device**. CMS-D3 scans for DVRs on your network.



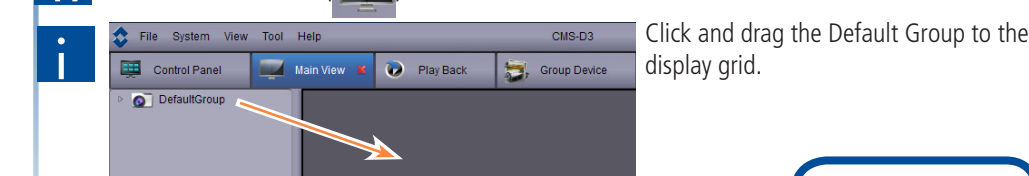
e Click your DVR in the list.



Click **Add Selected Device**.



h Click **Main View**.



i You will be prompted to change the DVR password. Enter a new 6 character password and click **OK**.

k Click and drag the Default Group to the display grid again to view your cameras over the local network.

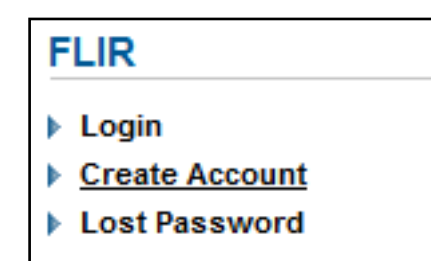
DVR Password

4 Register for FLIR DDNS

a Open your web browser and go to:

<http://ddns.myddns-flir.com>

b Click **Create Account**.



c Complete the Account Information fields with your personal information. Complete the Warranty Information with your purchase details (optional).

d Complete the System Information fields:

Product License	DNR200	<Product Code> - <MAC Address>
URL Request	.myddns-flir.com	What is this?
Create New Account		

Product License:
Select your product model from the **Product License** drop down menu (i.e. D3200).

URL Request:
Choose a URL for your DDNS connection (i.e. your name, your company or business name, or anything of your choice).

<Product Code>-<MAC Address>:
Locate the MAC address of your DVR (press the button on the front panel to find the MAC address).

e Once the information has been entered, click **Create New Account**. Your Account information will be sent to you at the email Address you used in Step c.

f Record your information here:

DDNS User Name: _____
DDNS Domain Name: _____
DDNS Password: _____

5 Enable DDNS on your DVR

Once you have registered for free DDNS service, use the information in the confirmation email (recorded in Step 4f) to configure DDNS settings on your system.

a Click on **Main Menu** from the menu bar, then click **Network** .

b Enter the DVR user name (default: **admin**) and password (created in step 2) and click **Apply**.

c Click the **DDNS** tab.

d Select **Enable** in the **DDNS** drop-down menu.

e Enter the following into the **DDNS Setup** menu (as recorded in step 4f):

NOTE: It may take between 10~15 minutes for the DDNS server to update with your new DDNS address.

6 Connect Over the Internet—PC & Mac

a Install CMS-D3 from the CD or from www.flirsecurity.com/pro on a PC or Mac on a different network than the DVR.

b Double-click the CMS-D3 icon from the desktop. Click **Login** (by default a password is not required to log into the software).

c Click **Next** to open the Add DVR Wizard. **OR** Click **Group Device Management** .

d Click **Add Device** .

e Enter the following information:

1. Enter a name for your DVR.
2. Enter **Domain Name/URL Request**, followed by **myddns-flir.com** (for example: **tomsmith.myddns-flir.com**).
3. Enter the DVR Client Port (default: **9000**).
4. Enter the DVR user name (default: **admin**).
5. Enter the DVR password you created in step 2.

f Click **ImportAll**. This adds all DVRs and cameras to the Default group.

g Click **Main View** .

h Click and drag the default group to the display grid to view your cameras over the Internet.

Quick Reference

Default passwords:

	User Name	Password
DVR Local System Access	• admin	• 000000
DVR Remote Connection (PC, Mac, Smartphone & Tablet)	• admin	• 000000
CMS-D3 Software	• admin	• left blank

Default system ports:

- HTTP Port: 80
- Client Port: 9000

All ports must be port forwarded to enable access to the system over the Internet. See Step 3 for details.

Troubleshooting

Error	Possible Causes	Solutions
Cannot connect to the DVR over the Internet	<ul style="list-style-type: none"> • Ports not forwarded • DDNS Setup not completed • Ports are blocked by Internet Service Provider (ISP) • Multiple routers installed in local network 	<ul style="list-style-type: none"> • Port forward the ports shown above. See Step 3 for details. • Complete Steps 4 & 5 to register your DVR for DDNS. • Some ISP's block port 80. Reassign the HTTP port to anything above 1026. Re-complete Step 3 with the new port number. If this does not work, contact your ISP for assistance. • If you have multiple routers, additional setup may be required. See the Auto Port Forwarding Wizard Manual on www.flirsecurity.com/pro for details.
Could connect to system previously, but no longer can	<ul style="list-style-type: none"> • DVR internal IP address has changed 	<ul style="list-style-type: none"> • This can occur if your router resets due to power failure. Set up a fixed IP address for your DVR. See the Instruction Manual on www.flirsecurity.com/pro for details.
Cannot connect to the DVR using a smartphone or tablet	<ul style="list-style-type: none"> • IP address used from outside local network • Router is blocking DDNS connection from internal network 	<ul style="list-style-type: none"> • Use the DDNS address to connect to the DVR using a mobile application. See Step 7. • Turn off WiFi connection and attempt to connect using 3G or mobile network

7 Mobile Connection

NOTE: You must complete ALL previous steps before connecting using a mobile device. For other mobile platforms, visit www.flirsecurity.com/pro for details.

iPhone®

a Install **Digi Summit** for free from the App Store.

b Tap the **Digi Summit** icon.

c Tap **Device Manager**.

d Tap **+**.

e Configure the following:

1. **Name:** Enter a name for your DVR of your choice.
2. **Address:** Enter your **DDNS address** (e.g. **tomsmith.myddns-flir.com**).
3. **Client Port:** Enter the **Client Port** (default: **9000**).
4. **User Name:** Enter the **DVR's User Name** (default: **admin**).
5. **Password:** Enter the DVR password you created in step 2.

f Tap **Save**. The app connects to your DVR and streams live video from your cameras.

NOTE: If this is the first time connecting, you will be prompted to change the password. Enter a new 6 character password and tap **Done**. Then, tap **Save** again to connect to your cameras.

iPad®

a Install **Digi SummitHD** for free from the App Store.

b Tap the **Digi SummitHD** icon.

c Tap **+**.

d Tap **+**.

e Configure the following:

1. **Device Name:** Enter a name for your DVR of your choice.
2. **IP Address:** Enter your **DDNS address** (e.g. **tomsmith.myddns-flir.com**).
3. **Client Port:** Enter the **Client Port** (default: **9000**).
4. **User Name:** Enter the **DVR's User Name** (default: **admin**).
5. **Password:** Enter the DVR password you created in step 2.

f Tap **Save**. The app connects to your DVR and streams live video from your cameras.

NOTE: If this is the first time connecting, you will be prompted to change the password. Enter a new 6 character password and tap **Done**. Then, tap **Save** again to connect to your cameras.

Android™

a Install **Digi Summit** for free from the Google Play Store.

b Tap the **Digi Summit** icon.

c Tap **Device Manager**.

d Tap **Add**.

e Configure the following:

1. **Name:** Enter a name for your DVR of your choice.
2. **Address:** Enter your **DDNS address** (e.g. **tomsmith.myddns-flir.com**).
3. **Client Port:** Enter the **Client Port** (default: **9000**).
4. **User Name:** Enter the **DVR's User Name** (default: **admin**).
5. **Password:** Enter the DVR password you created in step 2.

f Tap **Save**. The app connects to your DVR and streams live video from your cameras.

NOTE: If this is the first time connecting, you will be prompted to change the password. Enter a new 6 character password and tap **Save**. Then, tap **Save** again to connect to your cameras.

Need Help?

Latest software and manuals available on www.flirsecurity.com/pro



For support, visit

www.flirsecurity.com/pro