

How can I add a DVR V4.2 or NVR V4.2 to the WBOX VMS client on my Windows PC via DDNS or IP Address?

Product Models:

Hybrid DVR	NVR
0E-HD4C1TB	0E-4CHNVR1TB / 0E-4CHNVR2TB
0E-HD8C2TB	0E-8CHNVR2TB
0E-HD16C2TB	0E-16CHNVR2T / 0E-16CHNVR4T

Firmware Version: V4.2.XXXX.0000.157.X.XX.X.X

Preparation:

- 1. Download and install the WBOX VMS client. You can download it from the links below:
 - <u>https://www.wboxtech.com/content/files/product_categories/ip_new_models/WBoxVMS.zip</u>
 - https://drive.google.com/open?id=1Kbf rmHYQKKB-sxYIu-mz9m-jDwr88fH
- 2. After successfully installing the client, you will be prompted to log in. The default username and password is admin. You may also opt to '*Remember password*' and '*Login automatically*'.

	×
👤 admin 🗸	
A	
Remember password Login automatically	
Login	

- 3. On the device side, you have to make sure the device is connected to the network properly. Check if the device's network setting is set up correctly. You can find this in Setting > Network > Network > IP.
 - a) The device's **IP Address** should be in the same range as the router's gateway.
 - b) **Subnet Mask** should be same as what is indicated in the router's network setting.
 - c) The Gateway should the router's gateway or local IP address.
 - d) DNS 1 and DNS 2 can be your router's DNS servers or you can use 8.8.8.8 and 8.8.4.4.

🗙 Setting	Channel	Record	Alarm	Network	System
► Network	<u>P</u>	Port			
> DDNS		DHCP			
⊳ E-mail		IP Address		192.168.2	254.17
⊳ UPnP		Subnet Mask		255.255.	255.0
⊳ P2P		Gateway		192.168.2	254.254
		Obtain DNS Au	tomatically	\odot	
▷ IP Filter		DNS1		8.8.8.8	
		DNS2		8.8.4.4	



- 4. If you would like to use a **DDNS address** in adding the device to the client, please enable the DDNS first.
 - [1] Go to Setting > Network > DDNS.
 - [2] Click the toggle switch to **Enable** DDNS.
 - [3] Under Protocol choose 'wboxddns'. (This is a free DDNS service).
 - [4] Input a **Domain Name** inside the box. Example: *mydvr.wboxddns.com*.

🗙 Setting	Channel Record	Alarm	Network	System
▷ Network	DDNS			
> DDNS	Enable		0	
⊳ E-mail	Protocol		wboxddns	~
⊳ UPnP	Domain Name			mydvr .wboxddns.com
⊳ P2P				
⊳ IP Filter			Test	

- 5. If you would like to access the device remotely via WAN (external/public) IP or DDNS address using the client, you have to open/forward the **Client Port** of your device.
 - The Client Port can be found in Setting > Network > Network > Port.
 - The default value is **30001**. If you changed this to a different number, please open/forward the new port number.

🛪 Setting	Channel	Record	Alarm	Network	System
► Network	IP	Port			
⊳ DDNS		HTTP Port		80	
⊳ E-mail		Data Port		3036	
⊳ UPnP		Client Port		30001	
⊳ P2P					device will reboot*
⊳ IP Filter		- Recommend	ed port range	ə [1025–65534]	

- [1] Log in to the router where the device is connected to.
- [2] Set up port forwarding using the device IP address and Client Port. You may go to this website to find some general guidelines on how to perform port forwarding depending on your router's brand/manufacturer – <u>www.portforward.com</u>.
- [3] Verify if the Client Port is open or not. You can go <u>www.yougetsignal.com/tools/open-ports/.</u>
- [4] Once the port is open, you can now proceed in adding the device to the WBOX VMS client on your phone.



Procedure:

1. The page below will show up when you logged in to the client successfully.

1 0	, ,	•
BOX	🧕 Live Video 🥂 Playback 🔝 Alarm Search 🔯 Electronic Map 🜄 Sys	tem Management 🚽 07/05/2019 01:36:38
Multiscreen	No-Link	No-Link
Alarm Info	No-Link	No-Link
🥥 🖽 📑 🛔		0 0

2. Click the System Management tab. At the bottom right corner of the page, click Local Device.





3. You will be prompted with a pop-up screen as shown below.

Add Device	×
Device Type	IPC ▼
IP Address	Empty
Port	30001
User Name	Empty
Password	Empty
Continuous Adding	OK Cancel

- 4. Input the needed information on the pop-up screen.
 - a. Select the correct **Device Type** (IPC, NVR or DVR).
 - b. In the IP Address field, enter the local IP address, WAN (external/public) IP address or the DDNS address of the device.
 - c. In the Port field, input the Client Port indicated in the device setting. This information can be found in Setting > Network > Network > Port.

Please note:

- The default value of the Client Port is 30001. If you changed it to a different number, please make sure to input the new port number in the client.
- If you will only access the device using the client on local/home network only, there is no need to port forward the Client Port.
- If you will be accessing the device remotely via WAN (external/public) IP or DDNS address using the client, you need to port forward the Client Port.
- d. Enter the Username and Password of the device.
- e. Click **OK** to the save the information.



5. Once the device is successfully added, it will be listed under the device list in System Management.

BOX TECHNOLOGIES	0	Live Video 🔮 Play	back 🔒 Alarm Search	Electronic Map	System Management		j 📑 🖬 🖬 🗤
Device Storage Management		IP/UUID	Name	Туре	User Name	Password	Configure
- 🕄 Privilege	I L	□1	WBOX	NVR	admin	••••••	100 M
 Alarm Live Video Layout 							
Configure PTZ Keyboard							
- 🛃 Local Config							
- X Import And Export							
- () Sync Device Time							
System							
			_	_		_	
		Select All					
						Search	cal Device Cloud Device Delete

- 6. To view the cameras, follow the steps below.
 - [1] Go to the Live Video tab.
 - [2] Select a Layout.
 - [3] Click the device that you have added.
 - [4] Drag and drop each camera to the No-Link boxes.







- 7. If you would like to save the current layout on the screen, follow the steps below.
 - [1] Click the Save (floppy disk) icon at the bottom of the screen.
 - [2] Input a Layout Name and choose if you would like to save it under Shared Layout or My Layout.







8. After successfully saving the layout, it will now be listed under Layout on the left pane. You can just click the layout you have created to automatically view the cameras.

