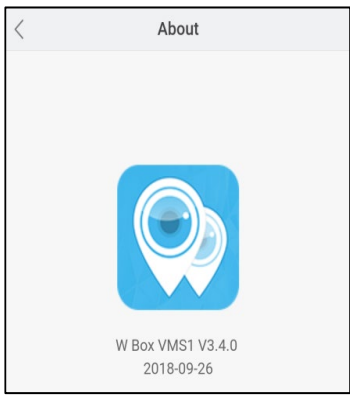
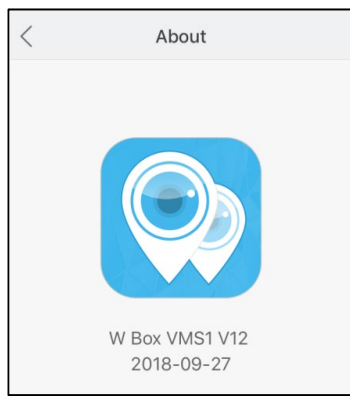


## How can I add a Hybrid DVR to the WBOX VMS1 app on my Android or IOS phone via IP Address or DDNS?

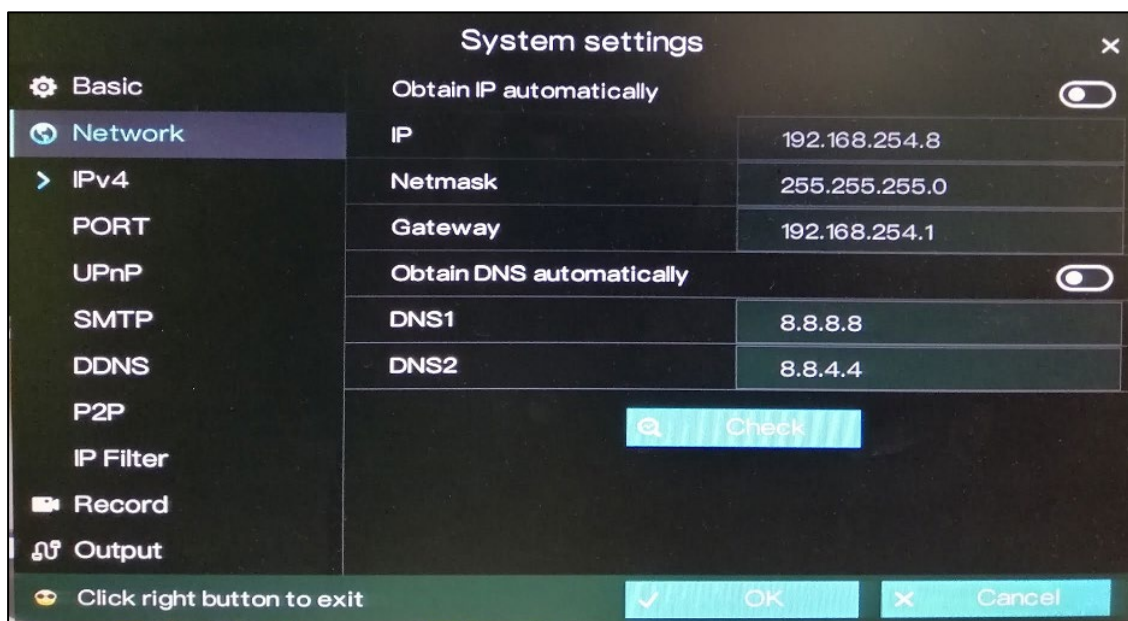
Product Models: **WBXHD041S1T, WBXHD041S, WBXHD082S2T, WBXHD082S, WBXHD162S4T and WBXHD162S.**

### Preparation:

- Download and install the correct application which is **WBOX VMS1**.

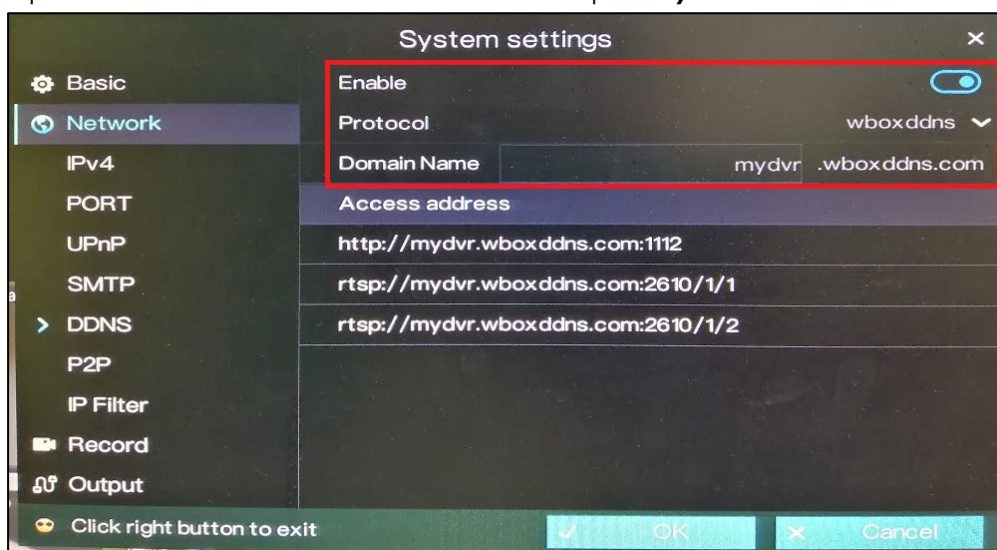
Phone OS	Android	IOS
Where to download	<b>Google Play</b> <a href="http://goo.gl/ppmCM4">http://goo.gl/ppmCM4</a>	<b>App Store</b> <a href="http://apple.co/2KYIoEg">http://apple.co/2KYIoEg</a>
Required Phone OS Version	<b>Android 5.0 or later</b>	<b>IOS 8.0 or later</b>
Current App Version	<b>V3.4.0 2018-09-26</b> 	<b>V12 2018-09-27</b> 

- Please ensure that the device is properly connected to a network with Internet access.
  - Change the network settings on the device interface. You can find the network settings in **System settings > Network > IPv4**.
    - The device IP address should stay in the IP address range of the router's gateway.
    - Net mask should be the one indicated on the router settings or 255.255.255.0.
    - The gateway should be the router's local IP address or gateway.
    - DNS server can be your router's DNS server or you can use 8.8.8.8 and 8.8.4.4.



3. If you will be using **DDNS** in adding the device to the WBOX VMS1 app, please enable the DDNS first.

- [1] Go to **System settings** > **Network** > **DDNS**. Click the toggle switch to enable DDNS.
- [2] Under **Protocol** choose '**wboxddns**'. (This is a free DDNS service).
- [3] Input a **Domain Name** inside the box. Example: **mydvr.wboxddns.com**.



4. If you would like to access the device remotely via WAN (external/public) IP or DDNS address using your phone, you have to open/forward the port number indicated in **Data port2**.

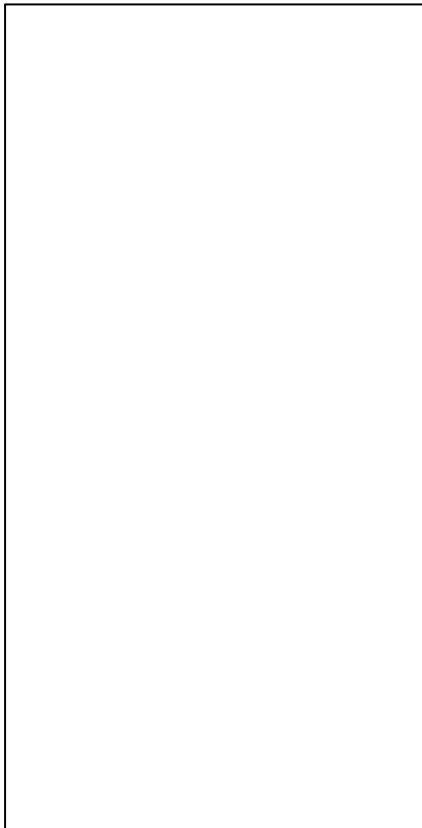
- The Data port2 can be found in System settings > Network > Port.
- The default value is 30001. If you changed this to a different number, please open/forward the new port number.



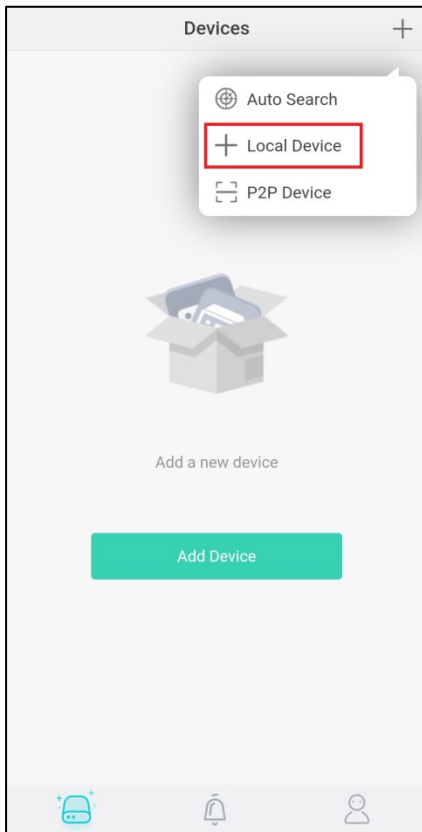
- [1] Log in to the router where the device is connected to.
- [2] Setup port forwarding using the device IP address and Data port2. You may go to this website to find some general guidelines on how to perform port forwarding depending on your router's brand/manufacturer – [www.portforward.com](http://www.portforward.com).
- [3] Verify if the Data port2 is open or not. You can go [www.yougetsignal.com/tools/open-ports/](http://www.yougetsignal.com/tools/open-ports/).
- [4] Once the port is open, you can now proceed in adding the device to the WBOX VMS 1 app on your phone.

**Procedures:**

1. Open the WBOX VMS1 application on your Android phone, and then click '**Add Device**'.



2. Tap '+ Local Device'.



3. Input the needed information.
  - a. Enter a **Nickname**.
  - b. In the **IP Address** field, enter the local IP address, WAN (external/public) IP address or DDNS address.
  - c. In the **Port** field, input the **Data port2** indicated in the device settings. This information can be found in System settings > Network > Port.

**Please note:**

    - The default value for the Data port2 is 30001. If you changed it to a different number, please ensure to use the new port number.
    - If you will only access the device using the WBOX VMS1 app on local/home network only, there is no need to port forward the Data port2.
    - If you will be accessing the device remotely via WAN (external/public) IP or DDNS address using the WBOX VMS1 app, you need to port forward the Data port2.
  - d. Enter the **Username** and **Password** of the device.
  - e. Hit **Save** at the upper right corner.

