Samsung All-in-One CCTV (SDS-P3040, SDS-P4040) Remote Viewing Setup Guide

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All-In-One Security Kit
Ideal for HOME and SMB’s

Anytime, Anywhere Viewing
View remotely with the free IPOLIS mobile app. No monthly viewing or storage fees.

www.3dr.co.za
DVR Network Setting

Please follow the steps from Quick Start Guide included in the CCTV kits. This set up guide is only for remote viewing setting for DVR and ADSL or LTE Router

☐ ADSL or 3G/LTE Router (Gateway) IP check

1. Find the IP address of router
   - Default router IP address is written at the bottom or back side of router usually.

If you cannot get the IP address of router please follow the below step with PC which is connected to the router

1. Click [Start] on your computer.
2. Click [Run...].
3. On the appeared command dialog, type ‘cmd’ in the <Open> box and click [OK].

4. In the DOS command window [cmd.exe], type ‘ipconfig’ and press [Enter].

5. Run the Internet Explorer, and enter the <Default Gateway> IP address found from the “cmd.exe” window into the address field, and press [Enter].
6. The router’s login page will appear if all connections are properly established.

If the PC is connected properly to the internet, the <Default Gateway> IP address is the Router’s IP address. Please record the Gateway IP address below.

Default Gateway (Router IP) :   
DVR Network Setting

☐ Connection Mode

1. Please make sure LAN cable is connected properly from DVR to WiFi router and internet is working.

2. Click on Network and select <Connection Mode>.

3. Select <Static IP>.

4. Enter the <IP>
The IP address consists of 4 fields, and the first 3 fields should be same to those of <Default Gateway> address of your computer which you wrote down previous page, and the last field should be unoccupied number (between 2 and 254)

ex) When <Default Gateway> is 192.168.1.1, the DVR <IP> can be 192.168.1.200
   The first 3 fields should follow Default Gateway IP and 4th field can be fixed to 200 (any number between 2~254 which is not occupied by other device)

5. Enter the <Gateway> and <Subnet Mask> as same to those of your computer found in previous page

※ In ADSL or 3G/LTE Router setting, Gateway is the IP address of Router which you checked in previous page. Please leave subnet mask as default (255.255.255.0) in most cases.
DVR Network Setting

6. **Leave Protocol setting as default** if you don’t have multiple DVR or any webserver in your network.

※ If you already have other DVR or Webserver which is already using same **<Webviewer Port> (80)** or **<TCP port> (4520 ~ 4524)**, the port need to be changed. In this case, please follow the steps from page 5 of “**Router Setup Guide**” which is included in the CD Rom from Samsung CCTV kit.
DVR Network Setting

**SETTING UP SAMSUNG iPOLiS DDNS**

Since you will be accessing the DVR remotely, let's setup your Samsung iPolis account first using the PC.

1. Go to Your PC
   - Open your browser and go to http://www.samsungipolis.com and click <LOGIN>.

2. You first need to create an account.
   - Click <SIGN UP>.

3. Follow the account registration instructions on the website.

4. After completing the account registration, login to your account.
   - Write down your User ID and Password below.
     - **ID**
     - **Password**

5. Add your DVR to your account. Click <PRODUCT REGISTRATION>.

6. Create a name (Product ID) for your DVR. Use 4 to 20 alphanumeric characters without spaces. Select classification, model number of the DVR and click <REGISTRATION>.
   - **Model Number**
     - 4CH DVR : SDR-3100 (SDS-P3040)
     - 8CH DVR : SDR-4100 (SDS-P4080), SDR-4101 (SDS-V4040)
     - 16CH DVR : SDR-5100 (SDS-P5080, SDS-P5100, SDS-P5101)

7. After registration, you should see your product in the list.
   - Write down the product ID below.
     - **Product ID**

8. Click <LOGOUT> to close the Web Page.
DVR Network Setting

- DVR DDNS Setting

Go back to DVR

1. From network tab, click <DDNS>

2. Under DDNS Site, select <iPOLis>

3. Under <Product ID>, enter the Product ID which is registered at samsungipolis.com

※ Product ID should be pre registered at samsungipolis.com

8. Select Use under Quick Connect

9. Select OK
Remote Viewing Setting

☐ For Android Phone

1. Visit Play Store to Download the Samsung iPOLIS mobile app.
2. Search for Samsung iPOLIS.
3. Launch the iPOLIS mobile app and add the DVR. Tap on the menu icon and tap <Add Device>.

☐ For iPhone

1. Visit App Store to Download the Samsung iPOLIS mobile app.
2. Search for Samsung iPOLIS.
3. Launch the iPOLIS mobile app and add the DVR. At the Add Device pop-up, tap <OK>.

☐ Add Device for 3G/4G connection

Name: Create a name for the DVR e.g.) Home_DDNS

Model: Select DVR

Address Type: Select DDNS

Host: enter DDNS host address. It should be www.samsungipolis.com/Product ID
※ Product ID is what you input at DVR DDNS menu

HTTP Port: Input 80

RSTP Port: Input 4524

ID: Input admin

Password: Input DVR password

Select Save

※ When the app cannot be connected to DVR properly, please follow the step in Router Setup (Page 10)
Remote Viewing Setting

☐ Add Device for WiFi setting

This setting is for when Smart Phone is connected to Telkom WiFi router

**Name:** Create a name for the DVR e.g.) Home_IP

**Model:** Select DVR

**Address Type:** Select IP

**IP:** Input 192.168.1.200

**HTTP Port:** Input 80

**RSTP Port:** Input 4524

**ID:** Input admin

**Password:** Input DVR password

Select Save
Remote Viewing Setting

☐ For PC connected to same router with DVR

1. Open Internet Explorer and go to http://192.168.1.200

2. You will be asked to install the active X plug-in for internet explorer.

3. Login with user ID and password for the DVR

☐ For remote PC outside of home

1. Open Internet Explorer and go to http://www.samsungipolis.com/product ID

   Product ID is what you input at DVR DDNS menu
   e.g.) telkom001, telkom002
   ※ Product ID should be pre registered at samsungipolis.com

2. Login with user ID and password for the DVR

※ Web browser viewing only support Internet Explorer.
Router Setting

※ For most of routers which support UPnP (Universal Plug and Play), do not need this Router Setting step. If remote viewing is not working properly from your mobile device, please check the internet connectivity of your router first and check the UPnP setting of your router first.

This below Port Forwarding is required for some of routers including Huawei LTE router. Below step is based on Huawei B594 LTE router. For other models, please follow the Port Forwarding setting guide from the “Router Guide” in the CD Rom inside of Samsung CCTV Kit.

1. Connect to http://192.168.1.1 using web browser from PC which are already connected to Telkom router (Huawei B593)
   ※ default Admin password is ‘admin’. If not, please ask to customer.

2. Select NAT Settings

3. Select Port Mapping under NAT Settings

4. Select Add Item

5. Select TCP/UDP under Protocol

6. Input 80 under Remote Port Range

7. Input DVR IP 192.168.1.200 under Local Host

8. Input 80 under Local Port

9. Select Submit

10. Repeat steps from 4 to 9 with only changing port number in Remote Port Range and Local Port and register all below ports for DVR - 4520, 4521, 4522, 4523, 4524

11. After register all ports, port mapping status will be like below