Quick Instruction Guide for Setting Up Remote Access To Your DVR

(Step 1) DVR Hardware Install

- Physically set up DVR, connect cameras and connect to Internet. Confirm DVR is showing cameras, recording and working properly. See our 8-channel DVR video at this link for DVR UI introduction.

http://youtu.be/-VkABGPckl4

(Step 2) DVR LAN Connection

- Check network section on DVR to confirm Local Area Network (LAN) IP address has been assigned. You can see this on the P2P tab; as well it will show connected. NOTE: LAN is all devices at the physical location such as within the home or business i.e. Computers, Smart Phones, DVR's IP cameras etc. These network devices generally receive IP address from the Router called DHCP. (DHCP) Dynamic Host Configuration Protocol is a network protocol that allows a server to automatically assign IP addresses to devices on the LAN. All network devices have to have a address (IP).

- When on the same network you can enter this LAN IP, which also shows, on the front LCD of the newer ZUUM DVR's in your browser and the log on screen for the DVR should show up. Currently only IE shows the configuration button/section.

(Step 3) Router Port Forwarding

- Once Internet connection has been established we can then go into router and set up port forwarding. Different software programs or process-specific applications use different ports. Maybe you can think of it as different lanes on a freeway. So many lanes to get to the same physical location. Ports range from 0-65535. So all of these ports are heading into the router at a home or business but the router can be set up and should be set up to block all of these ports from unwanted access from the outside world into your router and devices on that LAN.

- When on the same network as Router you can type in the LAN IP to the router to gain access and log on. For example Comcast is 10.1.10.1. Customer will need user/pass code info. It could be a default if not changed.
Example: User: admin Pass: password. See Comcast website or Google for your router and LAN IP to access router if 10.1.10.1 is not working for you.

Uverse is 192.168.1.254. When changing configuration it will ask pass code. This could be the device access code shown on the router itself. See AT&T website or Google for your router and LAN IP to access router if 192.168.1.254 does not work for you.

Above router information is general information. Different routers will have different LAN IP and log on credentials to gain access to Administration rights to the router.

To understand port forwarding go to the following videos on our YouTube channel.

(Comcast Router) http://youtu.be/nY8H2lKZH78

(Uverse Router) http://youtu.be/UXQZcKW09nM

The following are the ports already set up in the DVR by default and are the ports you will want to forward in your router to be able to gain access to the DVR from the outside world.

Port 80

Port 8000

Port 554

If for some reason Port 80 for example is taken by another device or router blocks then make it like 8080. If you change this port you have to log into DVR from IE browser and go to Ports section and update 80 there to 8080.

(Step 4) Testing Ports / Confirming WAN Router IP

To confirm on your network you have opened these ports you can test by going to this website.

http://www.whatsmyip.org

Select on the left Port Scanners and then use Custom Port Test.

Once you have completed that then test access to DVR from the outside world. You will need routers WAN side IP. This is Wide Are Network (The outside world access IP address). You can get this by logging into DVR or go to this website above and it will tell you router IP.

NOTE: When you are on the same WiFi network as the DVR and you use this WAN IP address in your browser you may not reach the DVR because of something called loop back. Some routers will stop going to the outside world and back into the same location. You can use your mobile phone with Wi-Fi turned off and test the IP address location on your phones browser to confirm if you can reach the DVR by the current WAN IP address. Once you have successfully completed this its time to actually set up DDNS.

(Step 5) DDNS Set Up

Dynamic Domain Name Service (DDNS) is used so that when your IP address changes on your router you will still be able to find your DVR from any device that has Internet access in the world. Once this is set up your DVR will tell the DDNS server automatically its latest IP address number. You never have to remember the routers changing IP number just the domain name that you set up for FREE at the following website or see the link on our home page.

http://zuumddns.com

Your automatically logged in but if for some reason you need to log in see below for log on information.

User: installer

Pass Code: zuumddns

- You will provide the MAC address from the DVR

- Device Name. Example myDVR.zuumddns.com

- Password

- Email Address (You will receive email confirmation of credentials used to complete set up)

NOTE: You will place the Device Name, pass code provided when signing up for Device Name and user name that was emailed to you. Place the information in the DVR under the DDNS section.

Once this is complete then instead of entering the current Router IP address you can now just use the new Device name example: (myDVR.zuumddns.com) to access your DVR. Remember you may not be able to access on the same network since some routers or Internet providers will stop going out and back in (Loop Back). You can test remotely but definitely test on your phones data service side without Wi-Fi.

You can use IE, Firefox, and Safari browser with this new name to access your DVR. (Use IE for configuration settings.)

You can use our ZUUM APP (ZUUMCCTV) on the APP store for your iPhones or iPads.

For Android devices please see our APP on Google Play called ZUUMCCTV.