

# OzSpy HD DVR



PLDVR9004H



PLDVR9208H



PLDVR9316H

**SPY**  
SOLUTIONS

## Overview

### FEATURES



- Uses the standard H.264 video compression format stream for high quality, longer recording time, taking up less bandwidth resources
- GUI OSD interface, USB Mouse controller, more intuitive, easier to use and user-friendly
- Support D1HD1CIF recording resolution,6 image quality settings
- Hexaplex operation for simultaneous: Preview, recording, playback, and network live, backup, playback
- Multiple record modes: Auto,timer,and motion detection mode
- Playback modes: Normal, Fast Forward and rewind and single-frame slow play
- Supports dragging the progress bar can be targeted playback time directly
- Multiple channel playback at the same time(Support 4CH playback simultaneously)
- Network function: one IE browser centralized monitoring and SNS Software for multiple DVRs (sites) (up to 20 DVR simultaneously)
- DHCP, DDNS, PPPoE and NTP network service
- remote surveillance up to 10 users simultaneously via the internet Explorer web browser
- More than 17 kinds protocol of the PTZ control
- Multiple backup mode: USB flash drive and network backup
- pre-alarm recording (before 10 sec),not lose any suspicious screen
- 4/8/16 ch audio input
- remote view by Mobile phone
- VGA output
- IR remoter controller
- System auto recovery after power failure

## Contents

- DIY Camera map
- 
- Hard Drive installation and Format
- 
- USB Backup
- 
- Networking
- 
- Remote View
- 
- Email Alert

# DIY Camera Setup Cheat Sheet

### A Package Contents



- Power Supply
- Extension cables
- Walls
- SNV Adapters
- DVR Link
- DVR Power Supply
- Cameras
- Manual And Driver
- Package
- Accessories
- Remote
- Mouse

### B Connection of DVR to your TV



1. Connect BNC Video cable to Output on DVR
2. Connect Yellow Video cable to Video 'Input' on TV
3. Tune TV to 'Input' using TV remote

### C DVR & Camera Connections



1. Connect camera to extension cables
2. Connect extension cables to Back of DVR
3. Connect extension cables to Walls
4. Plug in DVR Power & Camera Power

2-Way Splitter

Camera Power Supply

# Email Alert Setup

When setting up Email Alert you may experience that you are not able to send email alerts from your OzSpy DVR to an email address automatically when motion is detected on your computer. This is usually caused by misconfigured email settings, your Internet Service Provider's SMTP (outgoing email server) blocking your internet connection to send out emails or your email server rejecting the emails.

- **Ensure your DVR is networked and online .**

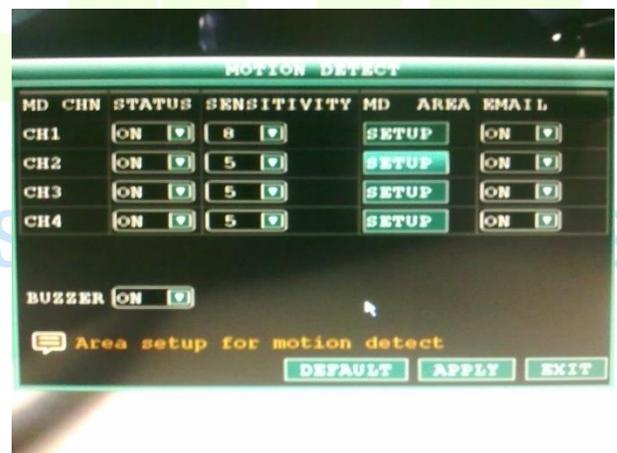
Your DVR should automatically obtain a IP address



- **Motion Detection setup.**

*Sensitivity should be set high for best results ,*

*ensure all the channels are turned on !*



**Solution:** You can use Gmail's SMTP service (free service) to provide a secure and reliable outgoing email service for your DVR. It is fully encrypted and secure through the use of *Secure Socket Layer (SSL)*.

**Gmail Account:** To create a Gmail account go to [www.google.com](http://www.google.com) and select the →



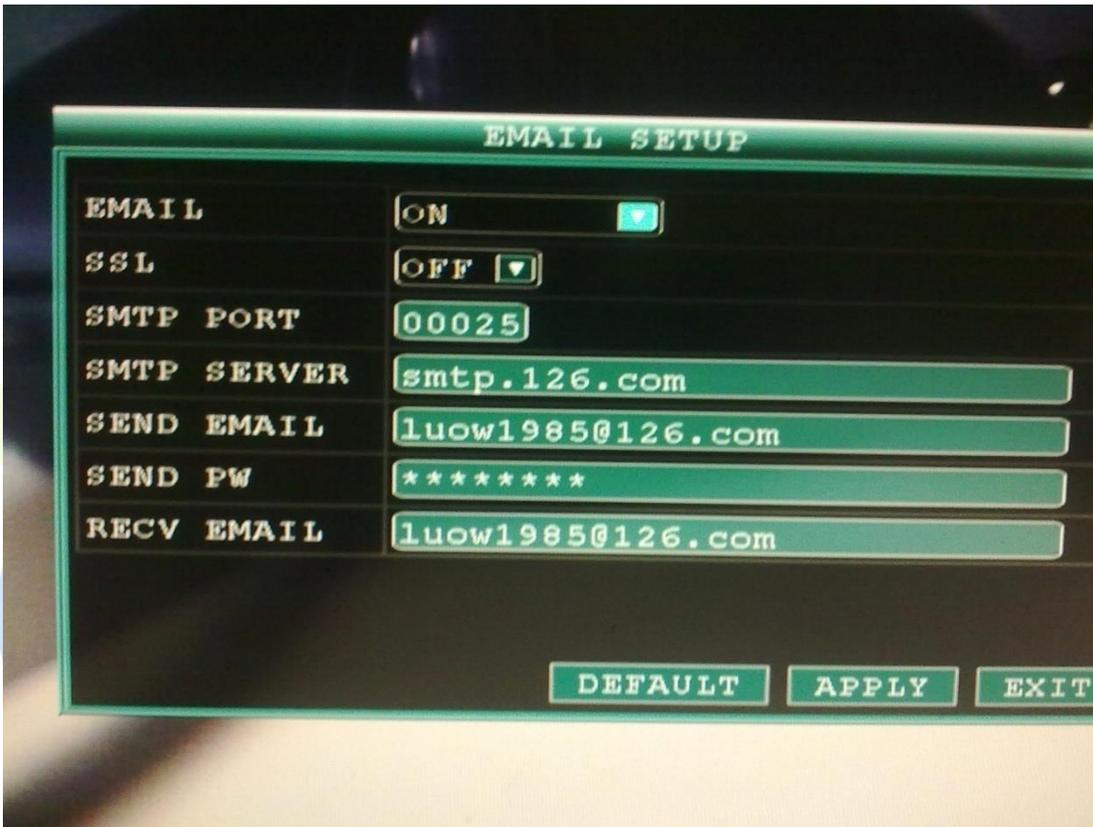
Once you have filled out all of the criteria you will have your gmail account ready

## Email addresses and usernames

Email addresses

ozspyau@gmail.com (Primary email)  
[Edit](#)

- Email Setup



For Gmail Settings only read the **RED**

# SECURITY SOLUTIONS

SSL : **gmail set to open**, and other mailbox generally set to close.

SMTP Port : **Gmail for 465**, other mailbox generally for 25

When motion is detected an email will be sent with a snapshot to the receiver email address .

Message | CH01\_12\_03\_16\_16\_42\_14.jpg (22 KB)  
from your dvr's snap jpg



# USB Video Recording Backup

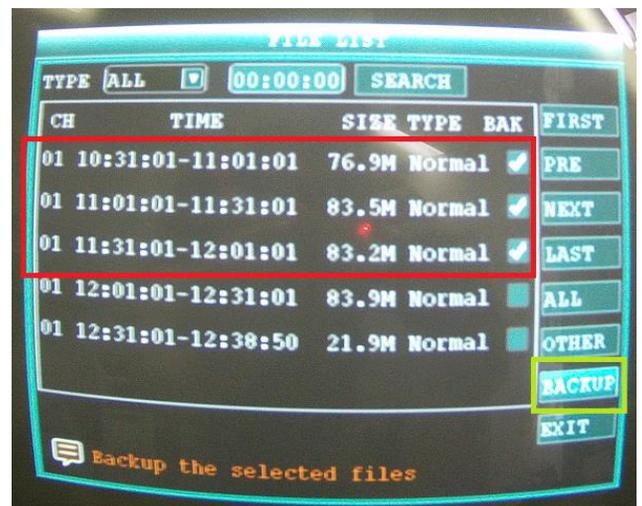
- Insert a empty USB Data stick into Your OzSpy DVR (4GB or More)



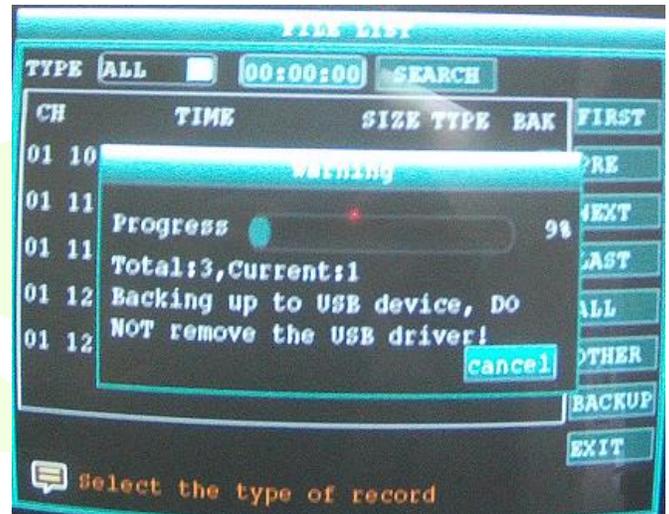
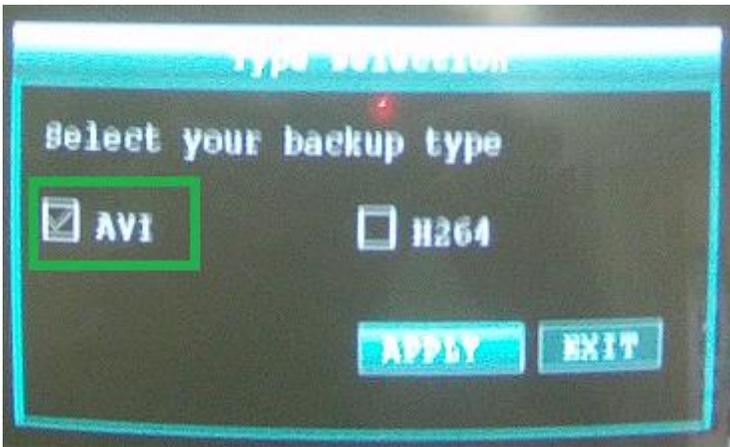
- Navigate to the Record Search Menu



- From here you can select a certain date And select what you want backed up onto the usb



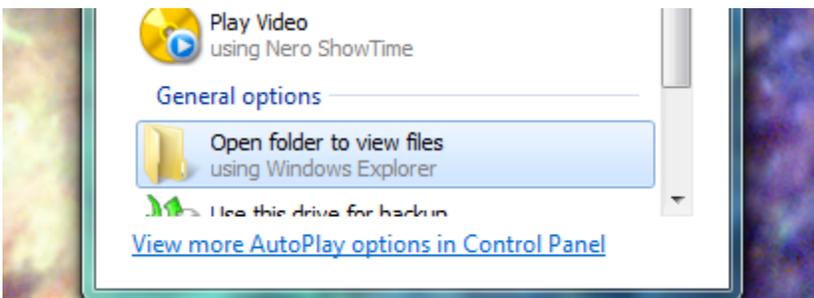
Once you have selected your footage select the BACKUP option and Choose your format . The preferred format is AVI as it plays on most devices



## Reviewing Recordings

Simply plug your USB key into a PC or USB compatible TV

When plugged into a pc an auto prompt screen to view the removable disc will appear



From here you can browse the backed up footage

# Mobile Viewing OzSpy DVR

## How to view your DVR on the Iphone

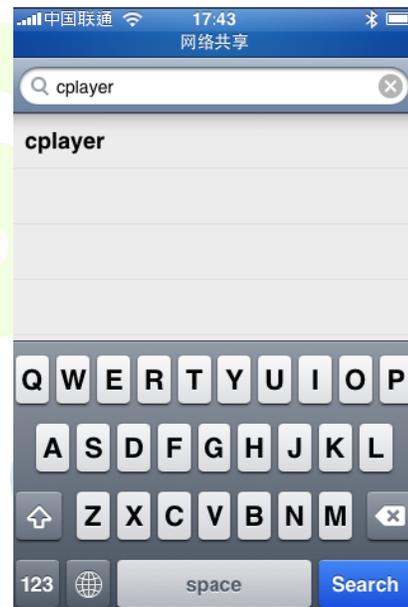
- Select The Appstore application



- Select Search



- Input "cplayer" in the searching bar,



- click "Search" You will see the Cplayer

SECURITY S

NS

- Next select the FREE button



### Select Install



### Enter your iTunes Login / password



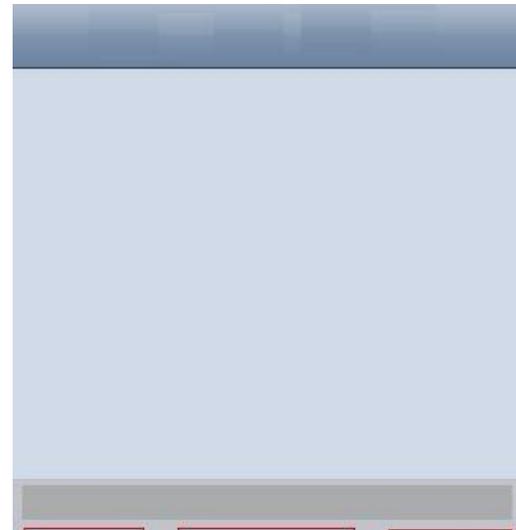
After finishing the installation, the Main menu of the Iphone will now have the CPlayer App.

## SECURITY SOLUTIONS

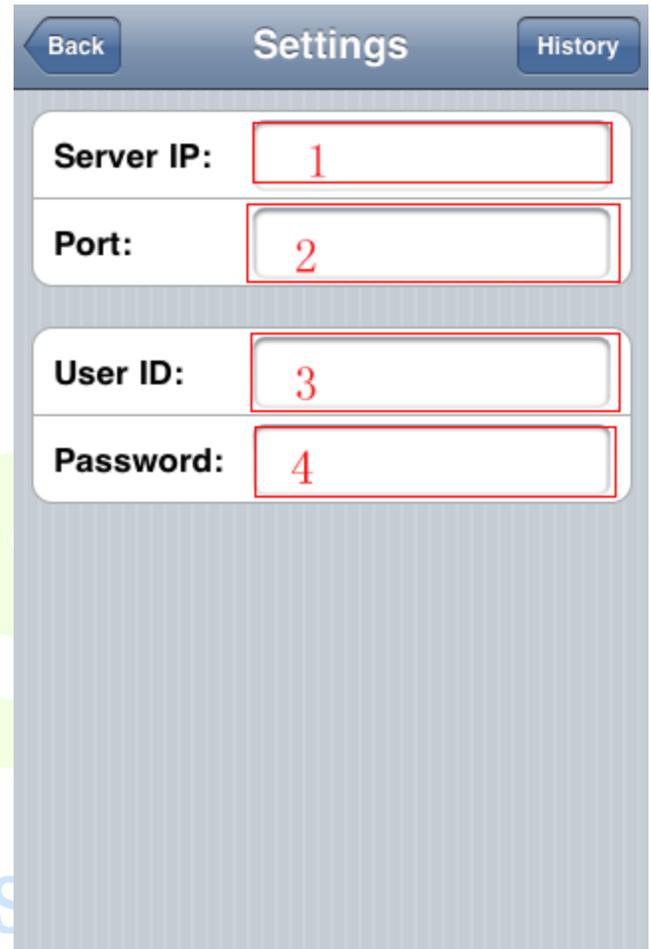
### How to use CPlayer

Click Cplayer App, open the software. Once your app is loaded you will see this screen

1. direction key (up, down, left and right)
2. PTZ lens control (magnify+, reduce-),(focus+, focus-), (iris+, iris-)
3. Choose the monitor channel
4. Functions , Pause ,Capture ,Fullscreen , Options
5. Exit, is the middle key of the Iphone



1. IP address of the monitor point
2. Network port
3. User name
4. Password



Back Settings History

Server IP: 1

Port: 2

User ID: 3

Password: 4

Once you have entered in the following details your camera settings will be saved , and you can view the cameras just by clicking the Cplayer App.

### Remote View Setup



When setting up your Ozspy DVR you will first need to enable some settings on your Router/Modem

- Configure UPNP Settings

1) Enable the UPNP Function in your Router / Modem

- On your PC go , Start ,  ,Type CMD in the search bar.



- Type IPCONFIG into the black MSDOS window



```
Connection-specific DNS Suffix . . . : 
Link-local IPv6 Address . . . . . : fe80::a9:684f:4b29%11
IPv4 Address. . . . . : 192.168.1.2
Subnet Mask . . . . . : 255.255.255.0
Default Gateway . . . . . : 192.168.1.1

unnel adapter isatap.{84B6E4BB-EA5D-4A94-B3CF-18202FDF3B1A}:
Media State . . . . . : Media disconnected
Connection-specific DNS Suffix . . . : 

unnel adapter Local Area Connection* 11:
Connection-specific DNS Suffix . . . : 
IPv6 Address. . . . . : 2001:0:4137:9e76:c0d:271b:c30e:6f54
Link-local IPv6 Address . . . . . : fe80::c0d:271b:c30e:6f54%13
Default Gateway . . . . . : ::
```

- The Circled IP numbers is your Modem/ Router address , Enter this in your Internet Browser Search bar

- You will now be at your Modem/ Routers Gateway

Please Log In to continue.

Log In

Username:

Password:

The Default password on most Routers is Admin with no password, if not you will need to refer to your Routers manual.

SECURITY SOLUTIONS

### **BELKIN:**

- (1) Login the router.
  - (2) Choose "Firewall", select "Virtual Servers"
  - (3) Input the port (**except 80**) and IP address, then click save.
- Note: The port and IP address should be the same as Camera.

**LAN Setup**

LAN Settings  
DHCP Client List  
Static Routing

**Internet WAN**

Connection Type  
DNS  
MAC Address Cloning

**Wireless**

Channel and SSID  
Security  
Wi-Fi Protected Setup  
Guest Access  
Use as Access Point

**QoS**

QoS Profiles  
Traffic Statistics

**Firewall**

Virtual Servers  
MAC Address Filtering  
Access Control  
DMZ  
DDoS  
WAN Ping Blocking  
Security Log

**Utilities**

Restart Router  
Restore Factory Defaults  
Save/Backup Settings  
Restore Previous Settings  
Firmware Update  
System Settings

**Firewall > Virtual Servers**

This function will allow you to route external (Internet) calls for services such as a web server (port 80), FTP server (Port 21), or other applications through your Router to your internal network. [More Info](#)

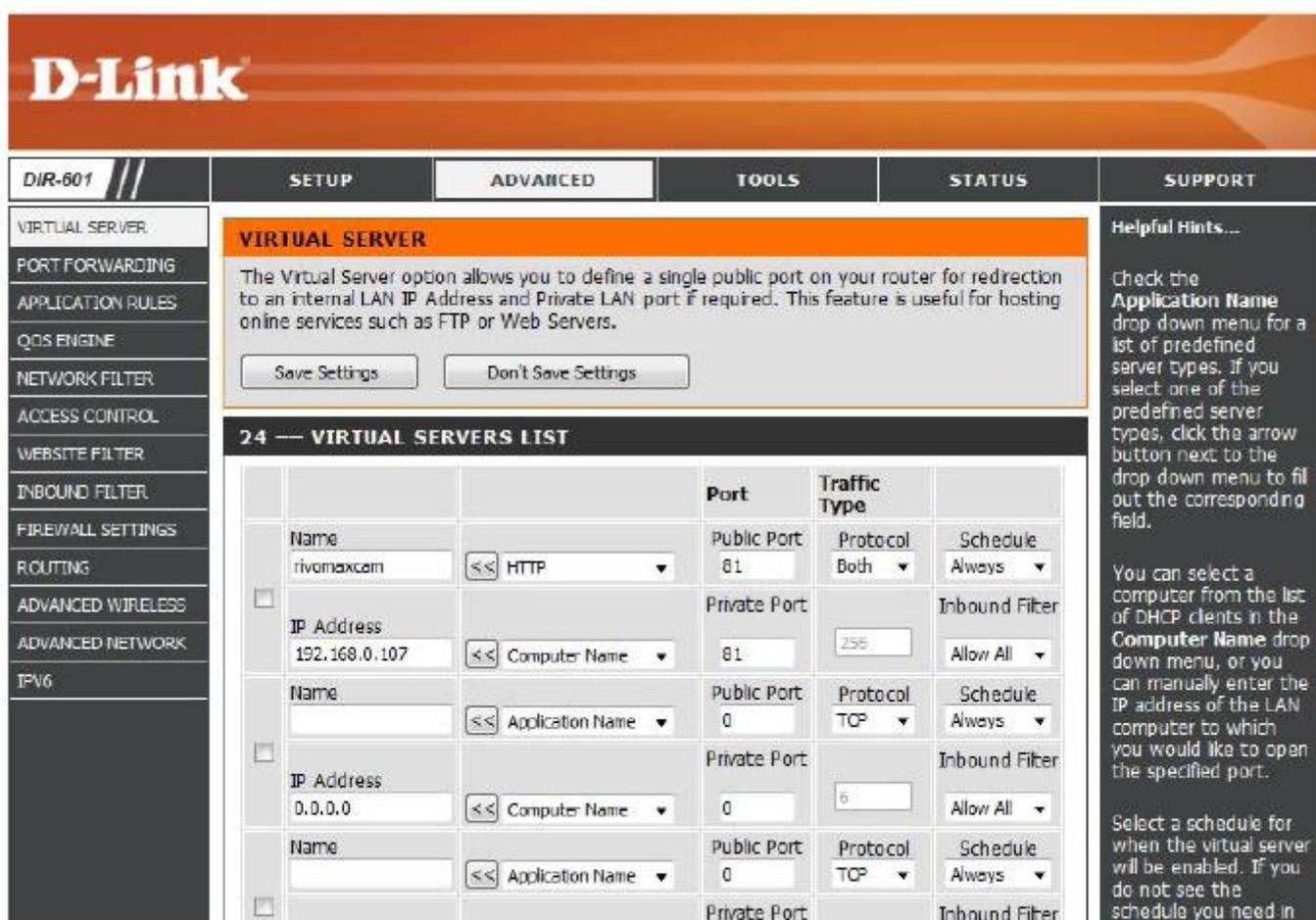
Add

Clear entry

	Enable	Description	Inbound port	Type	Private IP address	Private port
1	<input checked="" type="checkbox"/>	IPCAM	101	BOTH	192.168.2. 56	101
2	<input type="checkbox"/>			BOTH	192.168.2.	
3	<input type="checkbox"/>			BOTH	192.168.2.	
4	<input type="checkbox"/>			BOTH	192.168.2.	
5	<input type="checkbox"/>			BOTH	192.168.2.	
6	<input type="checkbox"/>			BOTH	192.168.2.	
7	<input type="checkbox"/>			BOTH	192.168.2.	
8	<input type="checkbox"/>			BOTH	192.168.2.	
9	<input type="checkbox"/>			BOTH	192.168.2.	
10	<input type="checkbox"/>			BOTH	192.168.2.	

**DLINK:**

- (1) Login the router.
- (2) Choose “**Advanced**”, select “**Virtual Servers**”
- (3) Input the port, IP address, Protocol, then click save.



**D-Link**

DIR-601 // SETUP ADVANCED TOOLS STATUS SUPPORT

**VIRTUAL SERVER**

The Virtual Server option allows you to define a single public port on your router for redirection to an internal LAN IP Address and Private LAN port if required. This feature is useful for hosting online services such as FTP or Web Servers.

Save Settings Don't Save Settings

**24 — VIRTUAL SERVERS LIST**

	Name	Application Name	Public Port	Protocol	Schedule	Private Port	Traffic Type	Inbound Filter
<input type="checkbox"/>	rivomaxcam	<< HTTP	81	Both	Always			
	IP Address	<< Computer Name				81	255	Allow All
<input type="checkbox"/>		<< Application Name	0	TCP	Always			
	IP Address	<< Computer Name				0	6	Allow All
<input type="checkbox"/>		<< Application Name	0	TCP	Always			
	IP Address	<< Computer Name						

**Helpful Hints...**

Check the **Application Name** drop down menu for a list of predefined server types. If you select one of the predefined server types, click the arrow button next to the drop down menu to fill out the corresponding field.

You can select a computer from the list of DHCP clients in the **Computer Name** drop down menu, or you can manually enter the IP address of the LAN computer to which you would like to open the specified port.

Select a schedule for when the virtual server will be enabled. If you do not see the schedule you need in

Setting DVR IP settings  
SECURITY SOLUTIONS

- Turn on your DVR , Ensure the network cable is plugged into the router and into the back of your DVR, and the LED lights are flashing .



Once your DVR has booted and you can access your main menu screen .

- Then Select the Advanced Menu

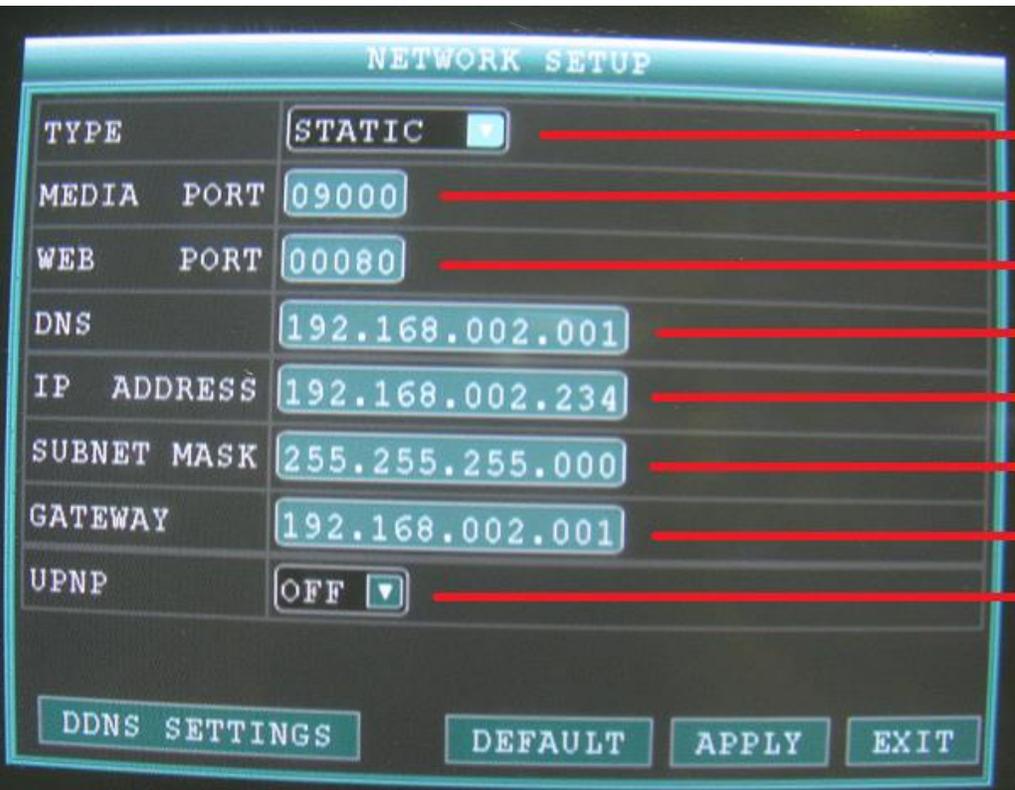


- Then Select Network



MORE INSTRUCTIONS BELOW

- -
- -
- -
- -
- -



NETWORK SETUP

TYPE	STATIC
MEDIA PORT	09000
WEB PORT	00080
DNS	192.168.002.001
IP ADDRESS	192.168.002.234
SUBNET MASK	255.255.255.000
GATEWAY	192.168.002.001
UPNP	OFF

DDNS SETTINGS    DEFAULT    APPLY    EXIT

### Default IP Settings

Under TYPE you can select DHCP PPPoE or Static  
If you are unsure what type you have contact your internet service provider.

The Web and Media Ports will need to be changed from the default, if you used 7070 this will be your camera viewing IP (192.168.0.1:7070)

Your DNS can be found on your Router/modem settings

Change the IP Address to to match your router/modems IP settings.

The subnet does not need to be changed

The Default gateway is your router/modems lan address.

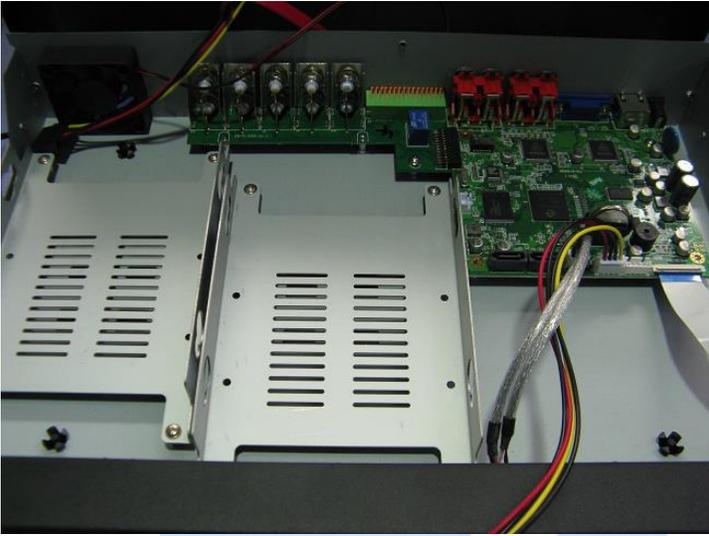
UPNP needs to be turned **ON**

Once you have filled out the fields with the correct IP addresses you can select APPLY , your DVR will Then Reset.

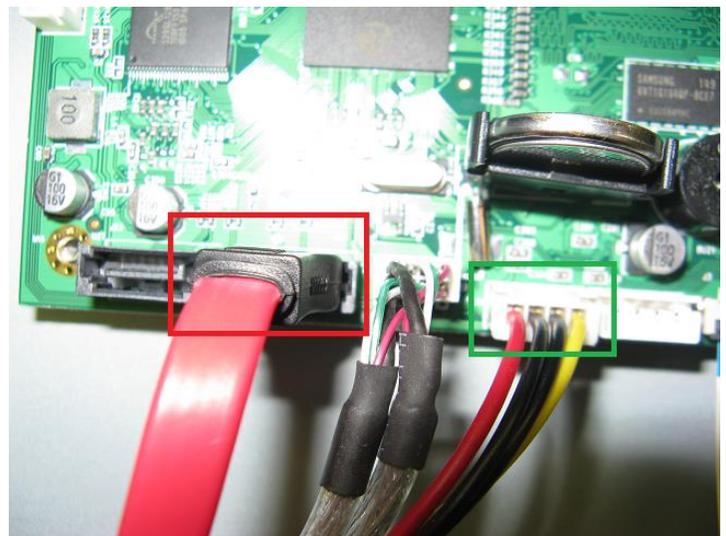
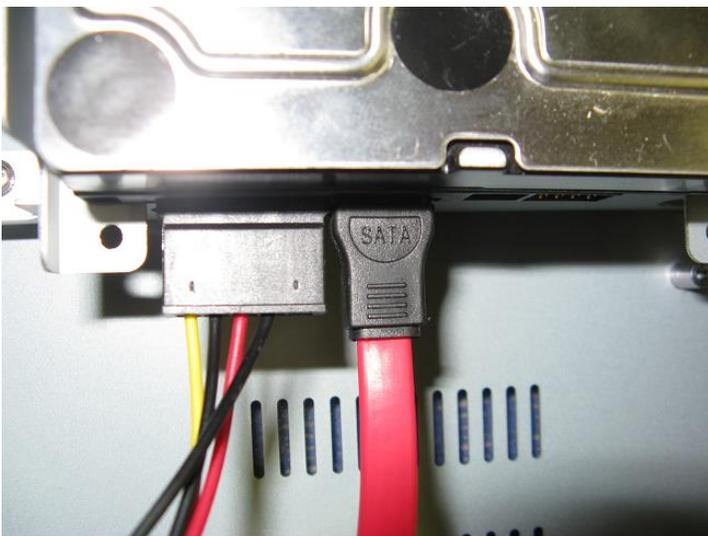
To log into your Remote view enter the IP Address of your DVR into your internet browser.

## Hard Drive Installation

- When installing your Hard drive the first thing you need to do is remove all the screws holding the casing on the Unit ,once you have done that unscrew the Hard Drive holder and mount your new Hard Drive into it with the provided screws.



- The next Step is to connect your hard drive to the DVR motherboard as Shown Below using the **SATA** cable and **POWER**

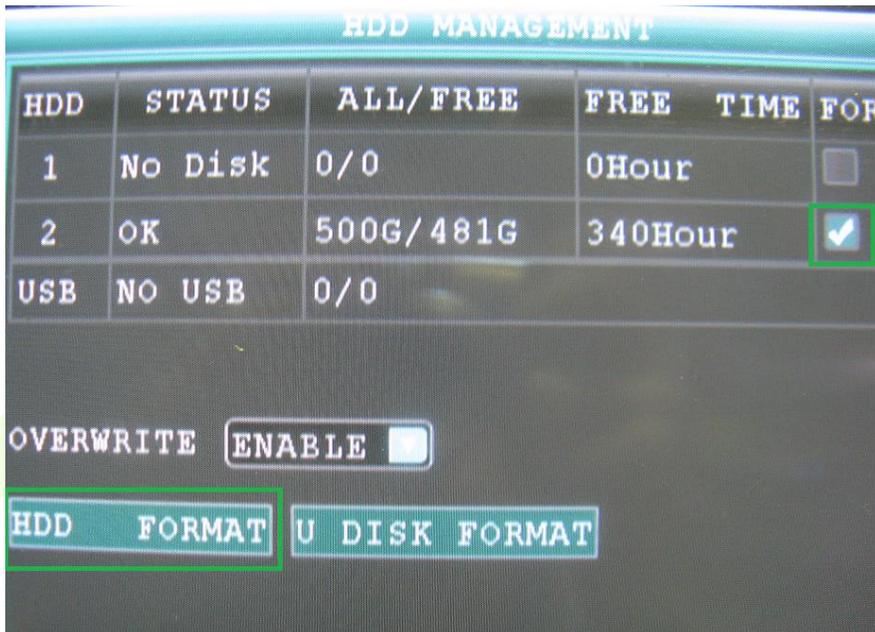


- Once you have connected these cables , screw your harddrive to the DVR case and put it back together and then turn your DVR ON

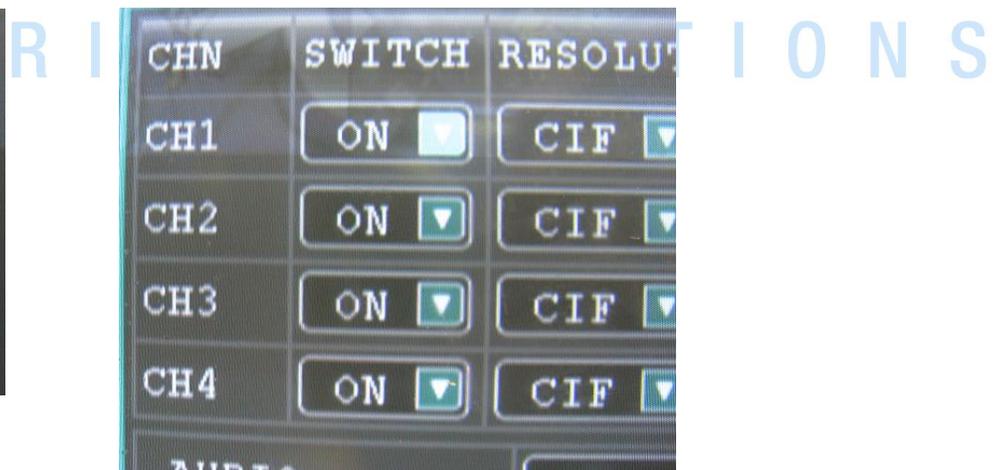
## Formatting your Hard Drive

You will need to navigate to your advanced menu , and select Hard Drive Settings

- Select the installed Hard Drive you want to format
- Select HDD Format
- Will take 2 -3 Minutes , Then the DVR will Reset .



- To make sure your DVR is recording just check the Recording menu and ensure all the cameras are set to record ON.

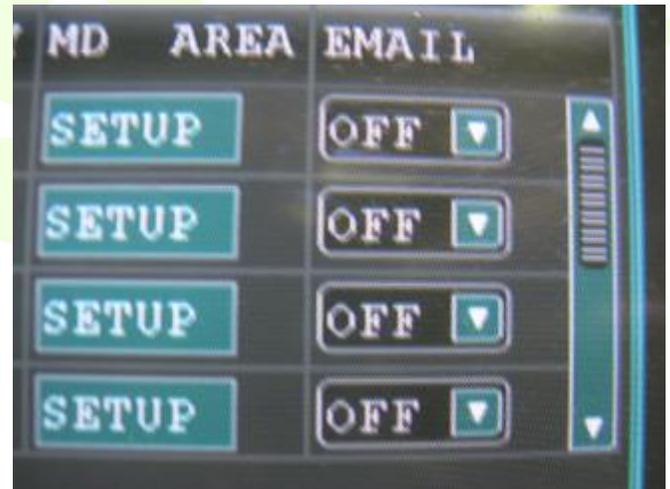
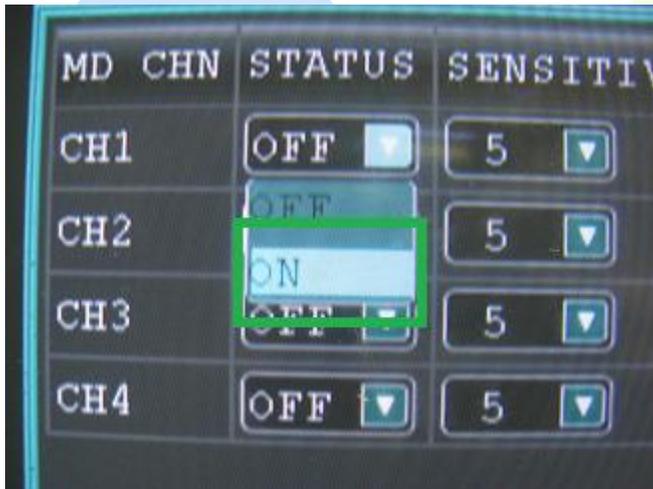


### Motion Detection Setup

- To enable motion detection navigate to your advanced menu and Select the MD icon.



- Set the Camera status to **ON** and select the sensitivity , turn email **ON** if you would like an Email Alert sent on motion detection



- Every time your cameras detect motion they will now be listed as a playback events or receive email alerts.