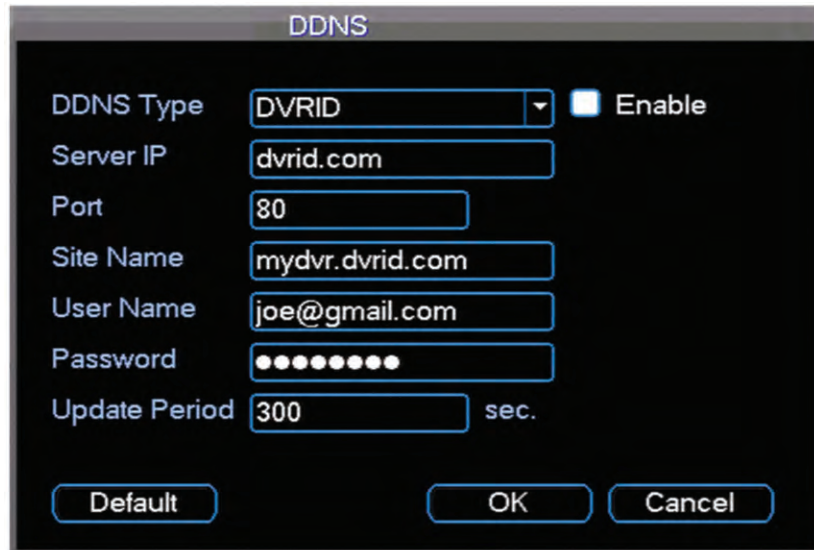


Networking



Click Ok and then Click Save to exit

Step 1

Free DDNS

Register with <http://DVRld.com> for a free DDNS, user will need the following information

- System MAC Address or serial number (need during registration)
- Register a Username and Password (with DVRID)
- Create a Site name

Step 2

DDNS setting on the NVR

Click Setup, then click NVR Setup, click Network, then click Advance Setting and then double click on DDNS

Sitename: sitename created with DVRID.com

Username: use to register with DVRID

Password: Password with DVRID

Port: 80 (Default DVRID Port Number)

Step 3

P2P Connection

Select P2P function from network menu and click "Enable". The NVR will automatically connect to P2P Server removing the need for port forwarding. Please take note of the device serial number.

Step 4

If port forwarding is needed:

Manually forward ports 80, 4000 and 554 to the IP address of the NVR according to your router's user manual or visit <http://www.simpleportforwarding.com> for helpful PC Based application for many routers. After forwarding the above ports, test them using following method:

Check the port forwarding

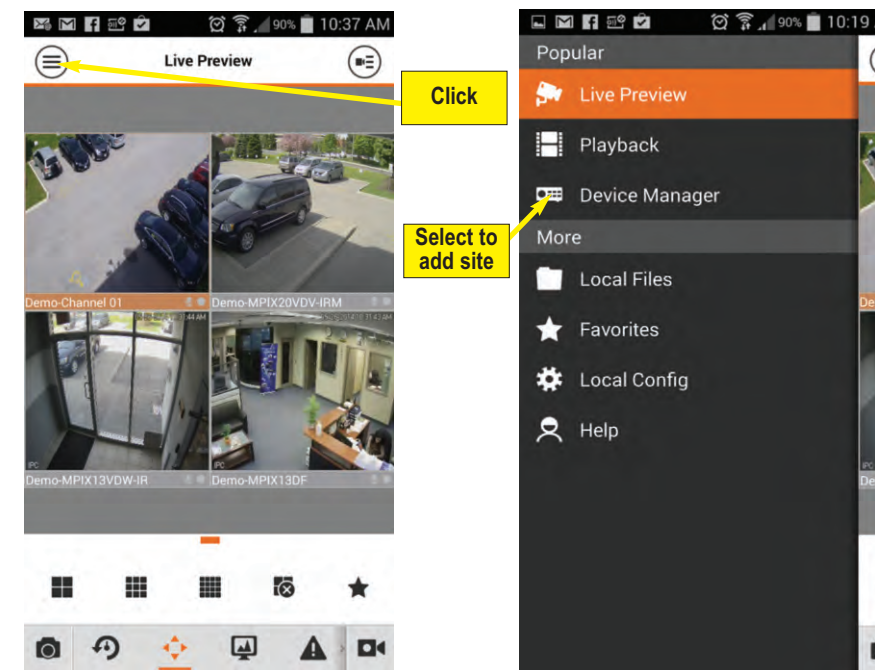
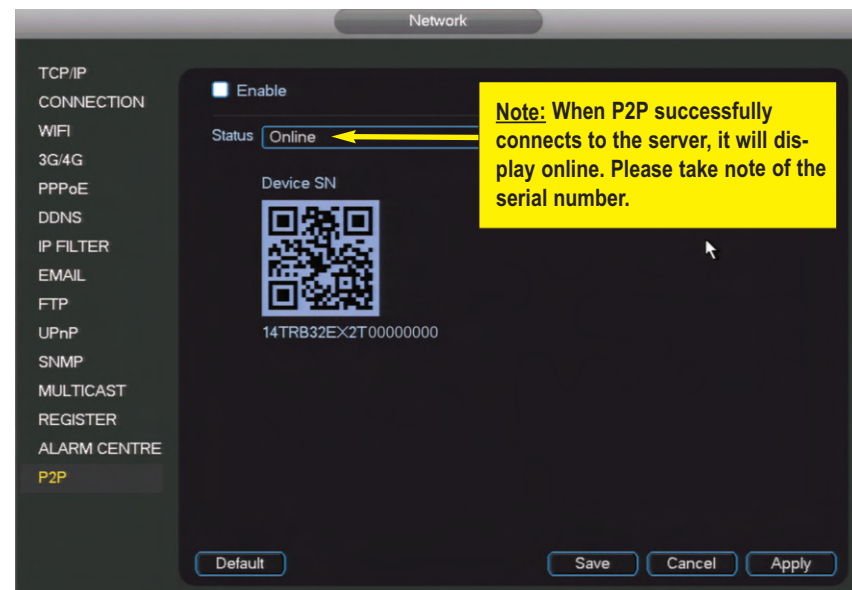
Use PC and open a web browser <http://canyouseeme.org>

It will show the current location public IP address and will ask for what port to check.

Check port 80, 4000 and 554, site should say successful or error.

If return error message follow below mentioned steps till successful.

- Check the portforwarding
- Check the NVR's IP address, Subnet Mask and Gateway make sure the NVRs has the correct gateway
- Check the routers WAN address, make sure it has a public IP. If the IP begins with (10.xxx or 172.xxx or 192.xxx), please contact your ISP to bridge the modem
- Check NVR via Local IP connection (Use IE to connect http://local_ipaddress of the NVR) If your able to connect to the NVR with the local IP address that means NVR is working



Remote Connection

Step 5

Using Internet Explorer

To Connect with Internet Explorer just use the DVRID sitename. On the address Field for IE (example <http://mydvr.dvrld.com>)


Active X is needed when using Internet Explorer Please refer to our Guide on how to Enable Active X <http://watchnetinc.com/downloads/manuals/IE.pdf>

For MAC system Please refer to our MAC guide http://watchnetinc.com/downloads/Software/Embsystem/Multisite_manager/mac/mac_multisite.zip

If using P2P Server just select P2P and input the system serial number and system user name and password.

Using Smart Phones

- iPhone and Android has different App MVS Pro (Has search and Push Notification) MVS HD (For Tablets or iPADS) Please go to iTunes for iPhone and iPad <https://itunes.apple.com/ca/artist/video-digital-technologies/id366176722?mt=8> Please go to Google Play for Android App <https://play.google.com/store/apps/developer?id=Videon>

- Install MVS Pro
- Click the Menu button  on live Preview
- Then Select Device Manager, Click Add (+)
- Fill-in the Fields if using IP or DDNS
 - Name: (Any)
 - Register Mode: IP/Domain
 - Address: Sitename or IP address
 - Port: TCP port or 4000 by default
 - Username: admin (nvr username)
 - Password: 1234 (nvr password)
- If using P2P
 - Name: (Any)
 - Register Mode: P2P
 - SN: System Serial Number
 - Username: admin (nvr username)
 - Password: 1234 (nvr password)

For any issue see the complete Instruction Manual on the CD or visit www.watchnetinc.com or call 1-866-843-6865

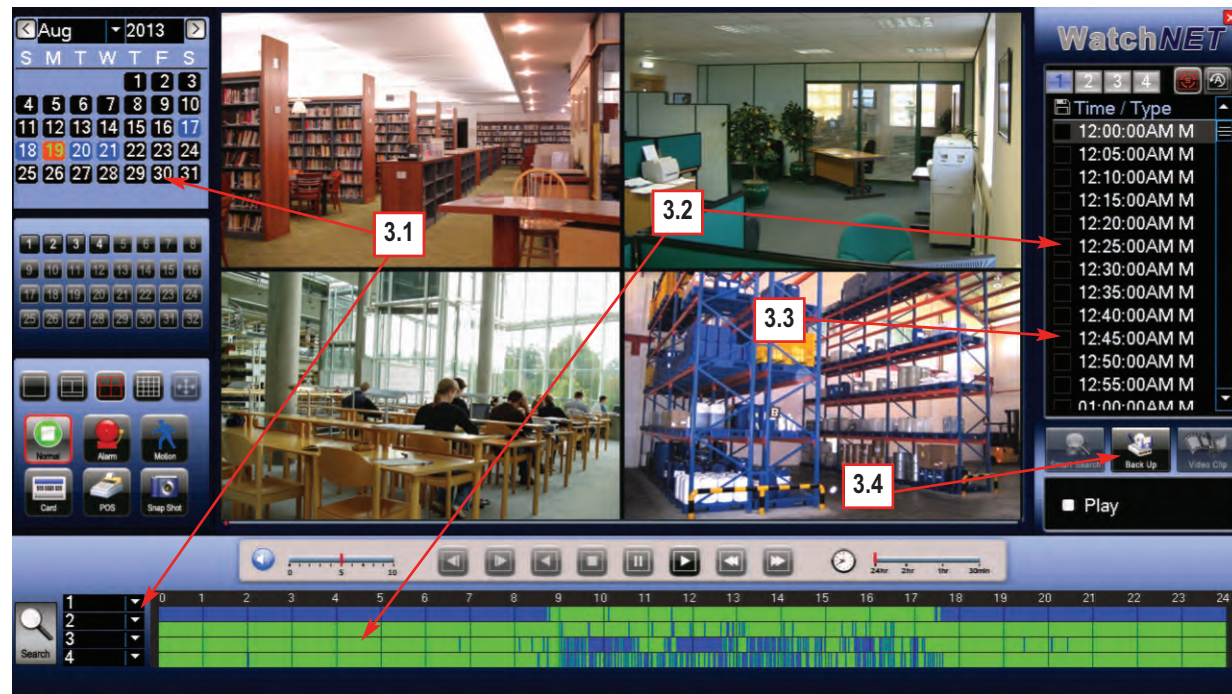
Enjoy remote view & control with WatchNET NVR

Play Back (Search a Recorded Video)

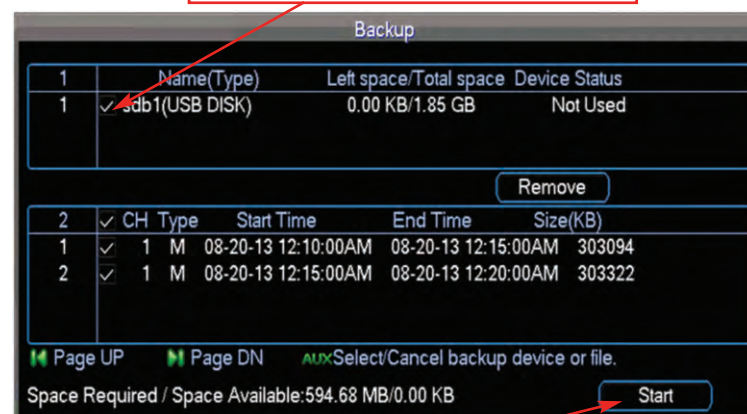
The following steps will guide you through backing up the files from the "Search" window:

1. Login to the NVR by pressing the login button
2. Enter the Username/Password (Default: admin / 1234)
3. Select "Search", this will open the Search Window

- 3.1 Select the date at the top-left corner and on the left bottom the channel numbers you want to view.
- 3.2 Click on the grid to select the time or double click on the file to start playing the video.
- 3.3 To make a backup, place a check mark next to the videos you want to save using the file list on the right.
- 3.4 Select the "Back Up" button on the right side; this will open the backup window.



Insert USB Drive to the NVR before starting back up process



Click to start backup

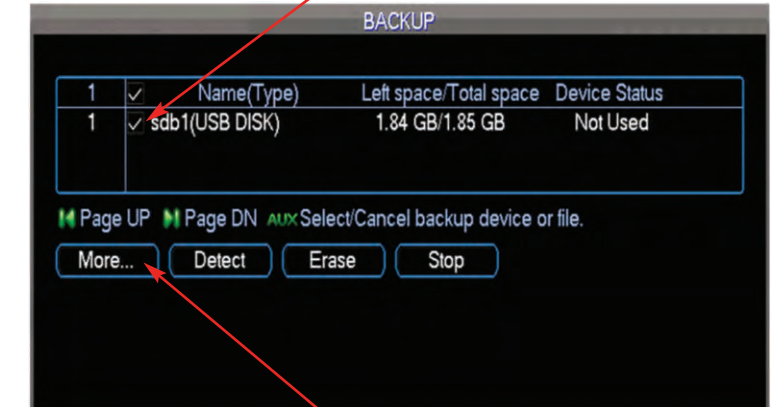
Video Back-Up to USB

Insert USB Drive to the NVR before starting back up process

The following steps will guide you through backing up the files from the NVR for evidence or archiving.

1. Click on "Backup" button on main GUI
2. Enter the Username/Password (Default: admin/ 1234)
3. Backup Device Window will appear as shown on the right image
4. Select the USB drive for back-up
5. Click "More" button for next window to add files

Select here the correct USB Drive (if 2 USB drive is plug in)



Click More to continue

3.1 Select the event type and the channel

3.2 Set the Start Time and End Time

3.3 Click the Add File

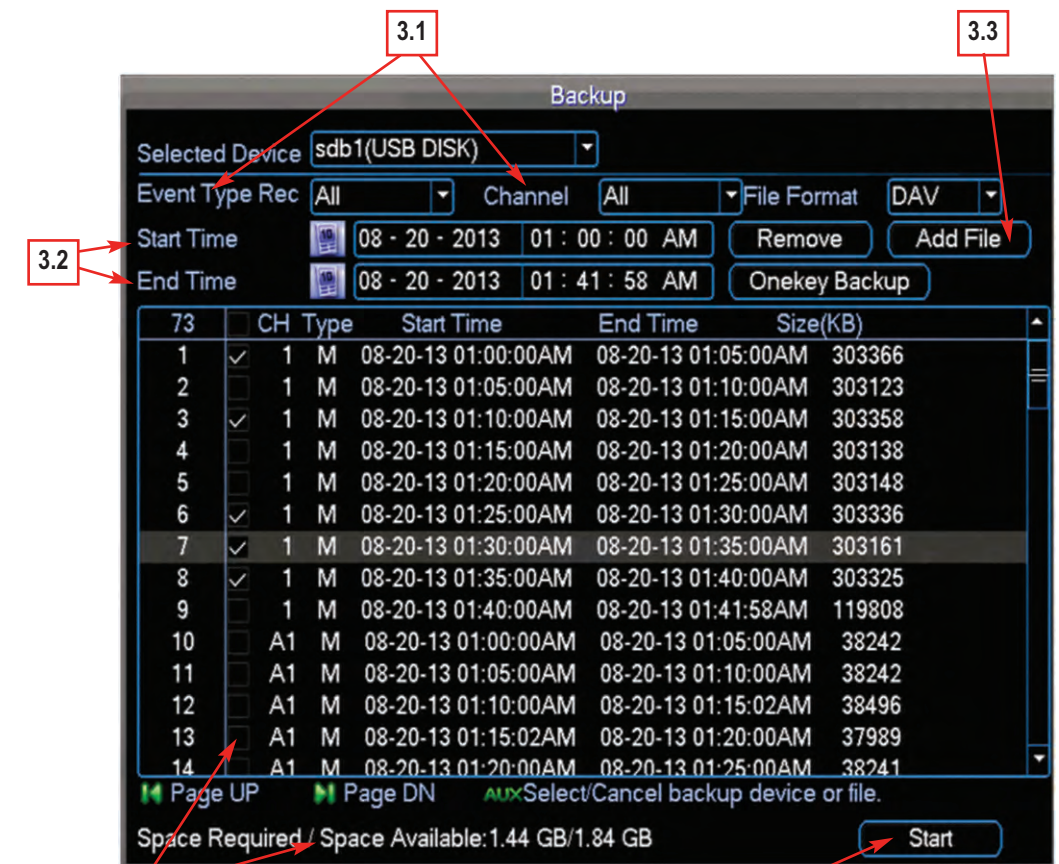
3.4 Select the Files that is needed for backup by placing a check mark on the files left side. Space Required should not exceed the Space Available

3.5 Click Start to begin the backup process

When backup is successful system will display "Backup is completed", then remove the USB drive and right click to exit back

Note: The files copied to the USB will be in DAV format (Digital Audio Video) which is proprietary to WatchNET to keep authenticity.

A special AV Player will be automatically copied to the USB to play back the DAV files on any PC Based computer.



3.4

3.5