

iSMS Client

MAC OSX REMOTE VIEWING SOFTWARE

USER GUIDE

English Version 1.0



DH200 SERIES

DIGIMERGE

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About the iSMS Client

The iSMS Client allows you to remotely connect and configure your DH200 Series DVR using the Safari browser in Mac OSX 10.6.

System Requirements

Your system must meet or exceed the requirements below before installing the iSMS Client:

- **Operating System:** Mac OSX 10.6 or later
- **CPU:** Intel Core Duo series CPU or higher
- **Memory (RAM):** 1024 GB
- **Video Card memory:** 256 MB
- **Free Hard Drive space:** 2GB
- **Video Resolution:** 1024 x 768

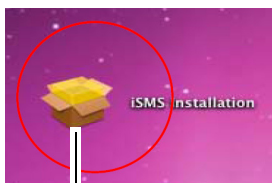
Prerequisites

- Port **7000** (or whichever port your system is using) must be port forwarded to your router
- You must create a DDNS account, and have the DDNS settings configured in your DVR
- The DVR must have internet access
- You must have a Digimerge DDNS address to log in remotely

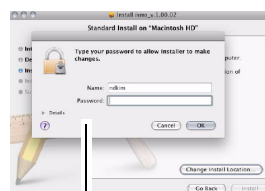
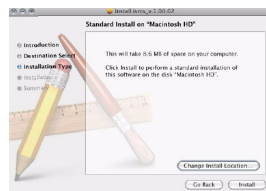
Installation Steps

To install the iSMS Client:

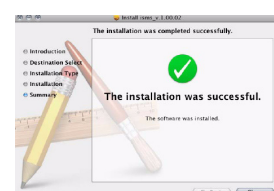
1. Double-click on the iSMS Client icon.
2. Follow the on-screen instructions to install the software. Enter your password when prompted to install the software.



Double-click to start installation



Enter the admin password when prompted



Using the iSMS Client

To open the iSMS client:

1. Locate the iSMS program in the Applications folder.



2. Double-click the iSMS icon[]to start the program. The iSMS login window opens.



Enter the DVR's DDNS address here

File Open button

Click to change save directory

Note

The iSMS client supports a maximum of three (3) connected users.

To log in to your DVR remotely:

1. In the Host Port field, enter the DDNS address of your DVR in full, including the port number. (i.e. tomsmith.digimerge.net:7000)
2. In the User Name field, enter **admin**.
3. In the Password field, enter your DVR password (by default, **000000**)
4. Click **Connect** to log in to the system.

To change the save directory:

1. Click the directory name under "Backup".
2. Select the desired save directory.
3. Click **Open** to apply your changes.

To delete an account:

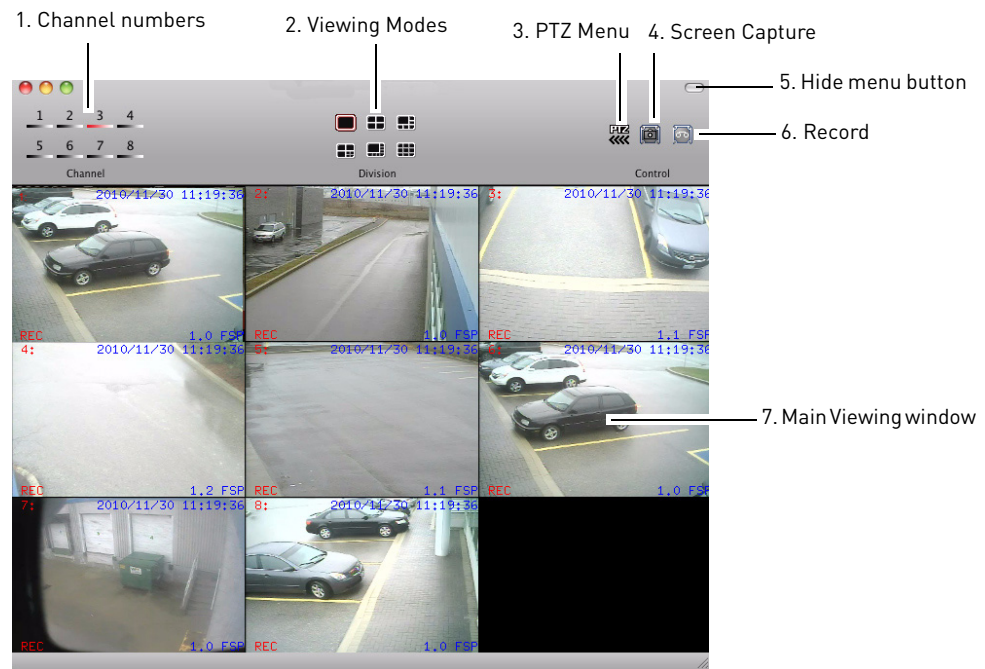
1. Select the DDNS address beside the Host Port drop-down menu.
2. Click the **Delete** button to remove the account.

To view a previously saved video on the hard drive:

1. Click the **File Open** button.
2. Locate the directory of the video. Select the video and then click **Open** to begin video playback.

iSMS Interface

The iSMS Interface displays all connected channels of your DVR.



1. **Channel Numbers:** Click the desired channel to view in full screen.
2. **Viewing Modes:** Click the icons to switch viewing modes (i.e split screen, quad-view)
3. **PTZ Menu:** Opens the PTZ menu.
4. **Screen Capture:** Takes a picture of the main viewing window, and saves it to the hard drive to the save directory you specify.
5. **Hide Menu button:** Collapses the tool bar and hides the interface functions.
6. **Record:** Click to record video of the selected channel. Click again to stop recording. The file saves to the directory you specify.

To take a screen capture:





1. Click the Screen Capture button ().
2. Enter an image name into the blank field, and then click **Save** or click **Print**.



Enter image name

To record live video:

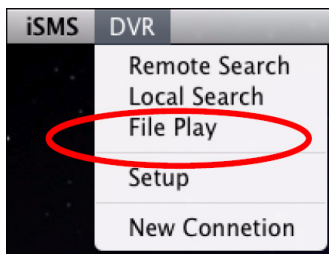


1. Click the Record button (). The record button turns red ().
2. Click the Record button again to stop the recording.

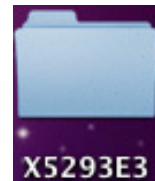
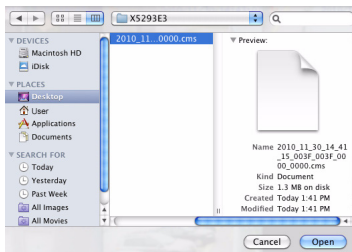
NOTE: The video file saves into a folder to the save directory you specify.

To view recorded video:

1. In the tool bar, click **DVR→File Play**.



2. Locate the video file on your hard drive.
 - The video file ends in a .cms extension.



A video save folder looks similar to the image above.

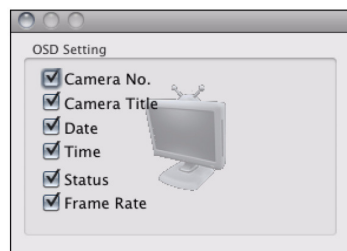
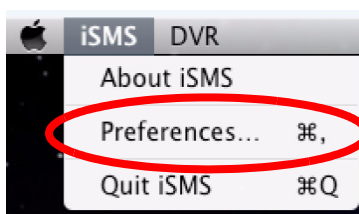
3. Click **Open** to view your saved file.

Configuring OSD Settings

The iSMS interface can be customized to show less or more information.

To configure the iSMS display settings:

1. From the tool bar, click **iSMS→Preferences**.
2. Select the display settings that you wish to remove by clicking the checkboxes.
3. Close the menu to save your settings.

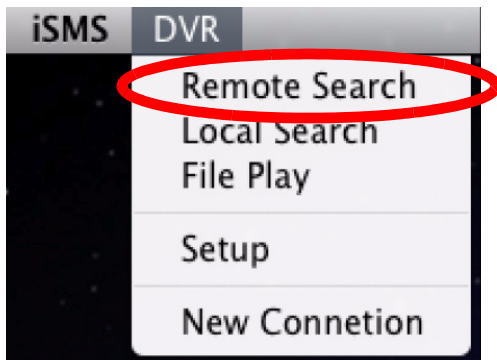


Searching for video remotely

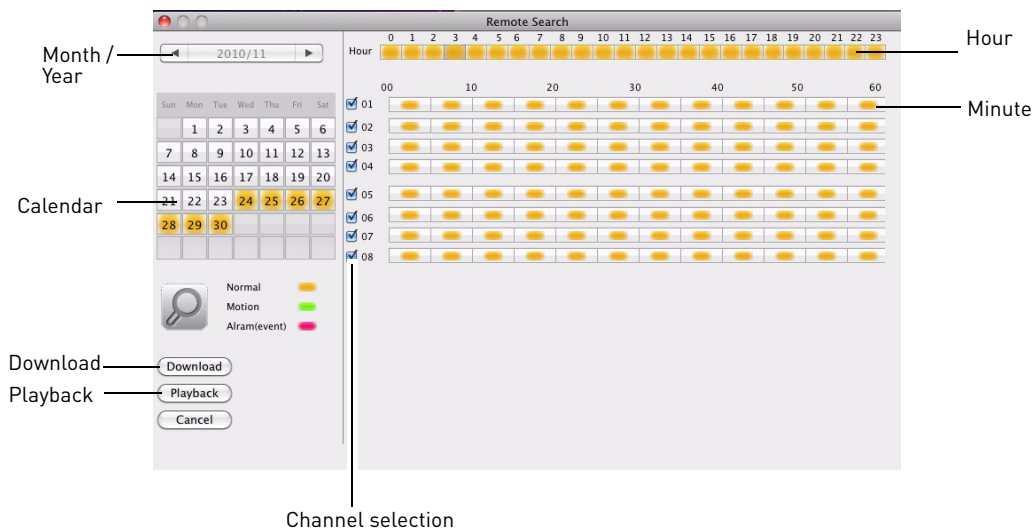
You can search for video from your DVR remotely, and back up the file to your local hard drive.

To search for video on your DVR remotely:

1. From the tool bar, click **DVR→Remote Search**.



2. From the Remote Search menu, perform the following:
 - a. Select the Month/Year
 - b. From the Calendar, select the date
 - c. Select the Hour and Minute
 - d. Select the channels you wish to search under by clicking the check boxes

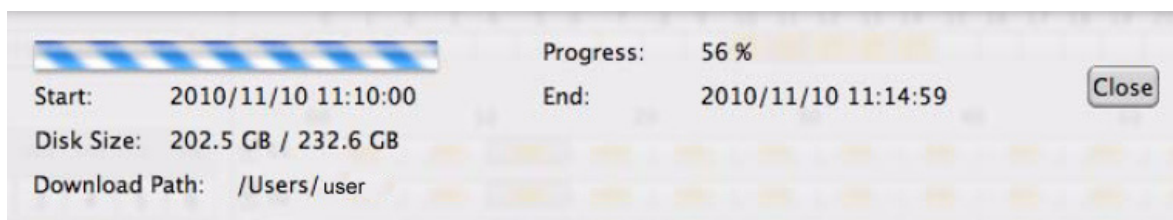


5. Click the **Playback** button to begin viewing.

OR

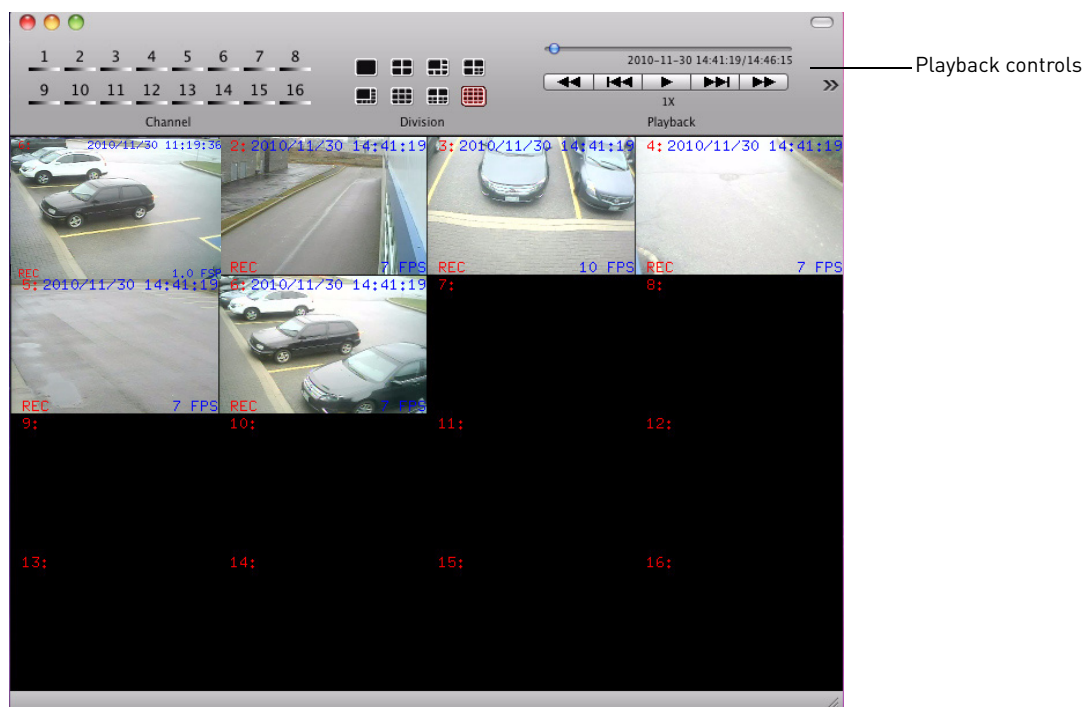
Click the **Download** button to save the video to your default save directory.

Download Progress bar

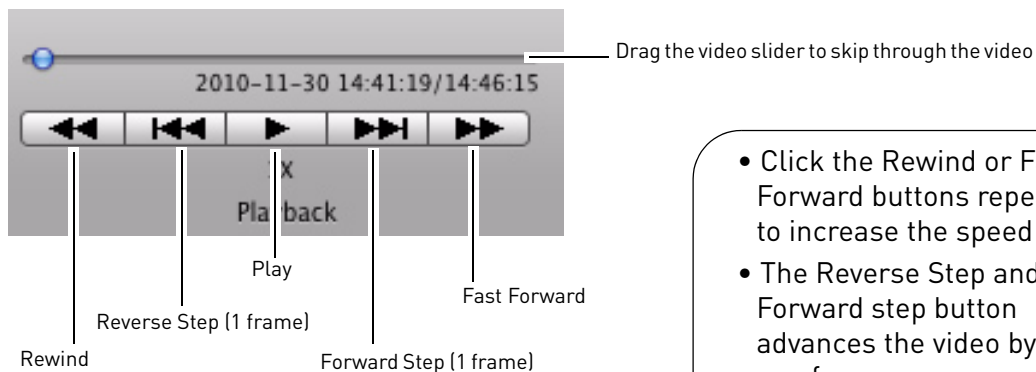


During video download, the status bar indicates the progress of the saved video.

Playback Window



- Use the Playback Controls to manipulate video speed

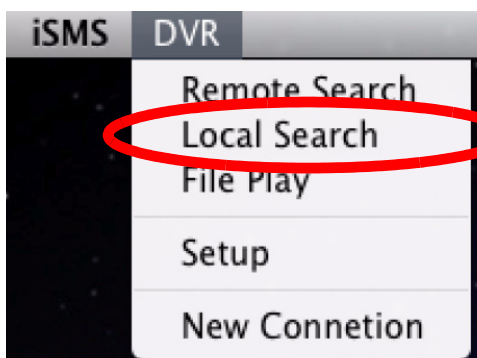


- Click the Rewind or Fast Forward buttons repeatedly to increase the speed
- The Reverse Step and Forward step button advances the video by one frame

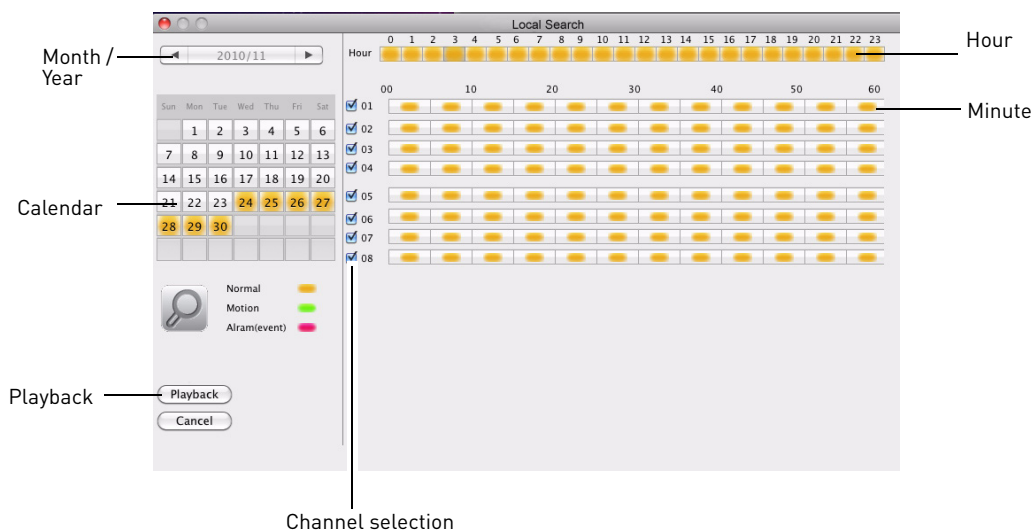
Searching for video locally

To search for local videos saved on your hard drive:

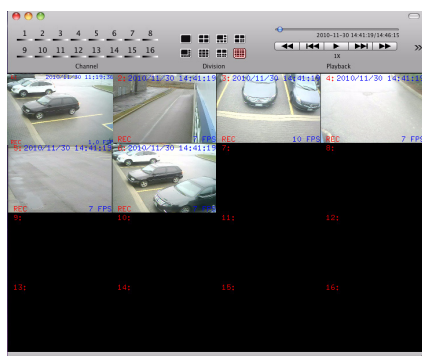
1. From the toolbar, click **DVR→Local Search**.



2. From the Remote Search menu, perform the following:
 - a. Select the Month/Year .
 - b. From the Calendar, select the date.
 - c. Select the Hour and Minute
 - d. Select the channels you wish to search under by clicking the check boxes




5. Click the **Playback** button to begin viewing. The Playback window opens.



Configuring PTZ settings

If your DVR has a PTZ (pan tilt zoom) camera installed, you can control the PTZ camera through the PTZ menu.


To open the PTZ menu:













- Click  from the main interface.














PTZ Controls

To control your PTZ camera, click on the channel that your PTZ camera is connected to.



Pan & Tilt Directional Pad	
1	 Pan & Tilt
2	 Zoom In
3	 Zoom Out
Focus	
4	 Focus Near
	 Focus Far.
	 Auto Focus.
Iris	
5	 Iris Close
	 Iris Open
	 Auto Iris.
Preset & Tour	
6	 Save Preset
	 Go to Preset
	 Run Presets Sequentially.

PTZ Controls cont'd.

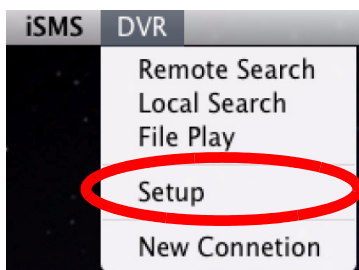
Special Functions	
7.	 Custom Functions depending on the PTZ Camera.
	 Custom Functions depending on the PTZ Camera.
	 Custom Functions depending on the PTZ Camera.
Auto Pan	
8.	 Run Auto Pan.
Auto Tilt	
9.	 Run Auto Tilt.
Pattern	
10.	 Run Pattern.
Menu, Escape, and Pan Speed	
11.	 Go into Menu.
	 Escape Menu.
	 Set Pan Speed.
	 Set Pan Speed.
Power	
12.	 Power.

Configuring PTZ Protocols in the iSMS Client

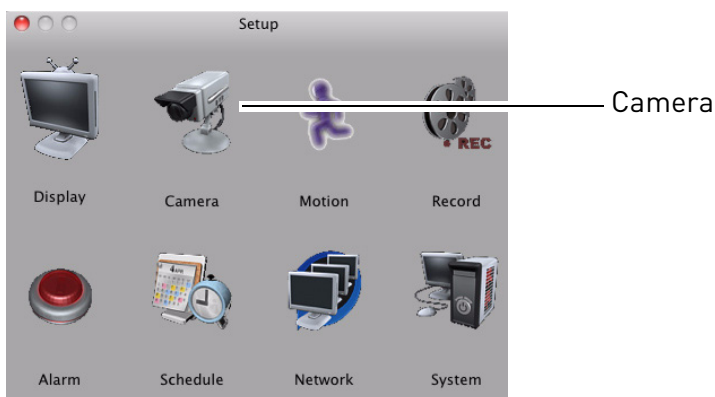
You must enter the PTZ camera protocols and settings in the iSMS client before you can control the PTZ camera.

To configure PTZ camera settings:

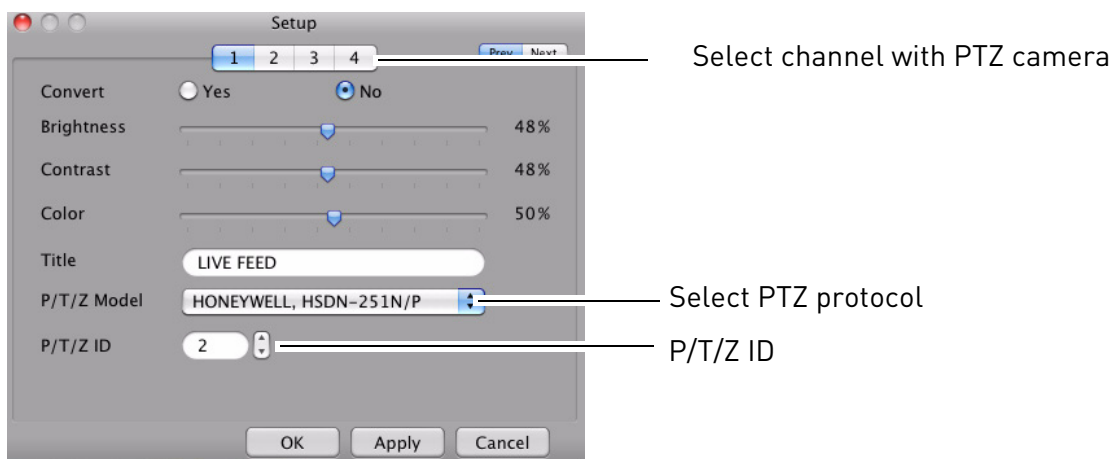
1. From the toolbar, click **DVR→Setup**.



2. From the Setup window, click **Camera**.



3. Click the channel with the PTZ camera.



4. In the P/T/Z Model drop-down menu, select the PTZ protocol of your camera.

NOTE: Consult your PTZ camera manual for protocol details.

5. In the P/T/Z ID field, enter the PTZ ID of your PTZ camera.
6. Click **Apply** to save your settings.

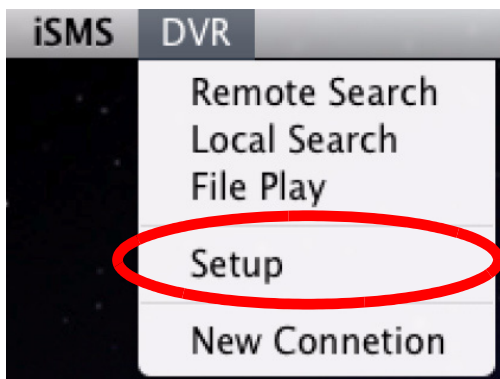
Configuring the iSMS Client

The iSMS client features a Setup menu that allows you to configure settings in your DVR remotely. The following menus are available for configuration:

- Display
- Camera
- Motion
- Record
- Alarm
- Schedule
- Network
- System

To open the Setup Menu:

- From the toolbar, click **DVR→Setup**.



- Click the appropriate Menu icons to configure the system.

NOTE: For details on configuring the DVR settings, consult the DH200 owner's manual. The menus in the iSMS client are identical to the local DVR menu.