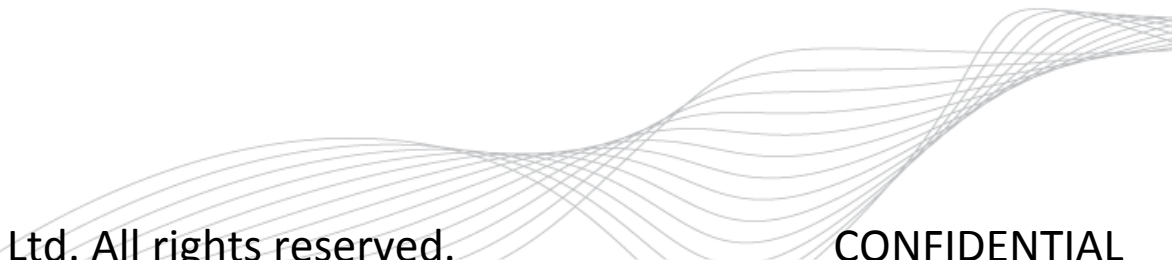




Basic Setup Training



Base Installation Training

NETWORK CONNECTION OVERVIEW



Base Installation Training

INSTALL COMMAND CENTER LITE

- a. Download the latest copy of Command Center Lite from the FTP site.
- b. The login credentials are as follows:
 - Host Name: <ftp.instekdigital.com>
 - Username: veracityusa@instekdigital.com
 - Password: veracityid
 - Folder: /Software
 - Filename: CCLite 5.x.x.x
- c. Double click on the executable file and follow the on-screen prompts to complete the installation.

Base Installation Training

SUBSCRIBE THE RECORDER (hDVR/NVR)

a. Run the Command Center Lite software. During the first application run, you will be asked to subscribe (or add) the recorder to the video recorder subscription list, so you can view the cameras.

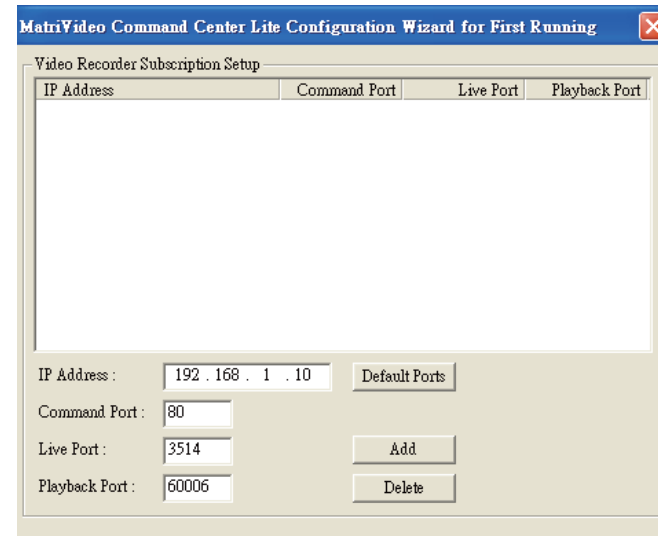
b. Type in the IP address, Command Port, Live Port and Playback Port of the recorder.

IP Address: 173.220.182.246

Command Port: 80

Live Port: 3514

Playback Port: 60006

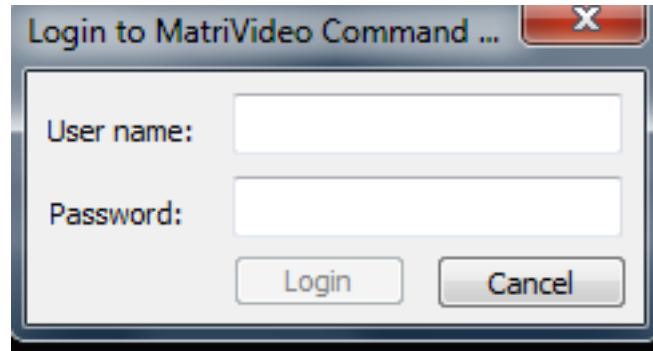


Note: Do not change these port numbers if connecting the recorder in a LAN environment. Click **Add** to continue. You can add additional recorders in a similar fashion. When all the recorders have been added, click **Next** to continue.

Base Installation Training

STEP 5: LOG INTO COMMAND CENTER/ COMMAND CENTER LITE

c. Finish the configuration wizard and log into Command Center Lite. The default username and password will be provided to you by your sales representative.



The image shows a standard Windows-style dialog box titled "Login to MatriVideo Command ...". It features a close button (X) in the top right corner. The dialog contains two text input fields: "User name:" and "Password:". Below the input fields are two buttons: "Login" and "Cancel".

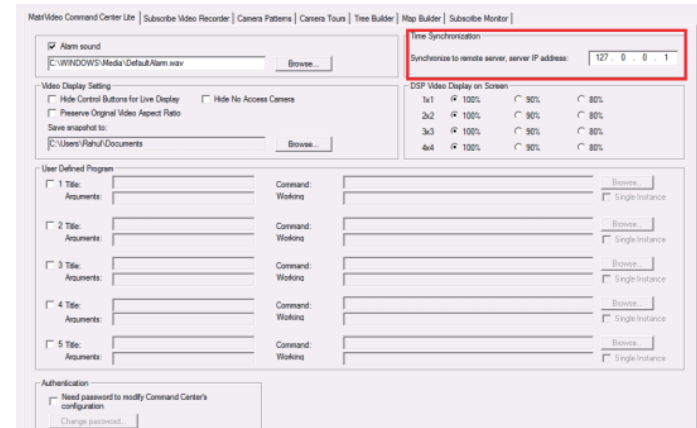
Base Installation Training

TIME SYNC WITH THE RECORDER

a. Click on the MatriVideo Command Center Lite Setup Icon on the bottom left corner of the screen.



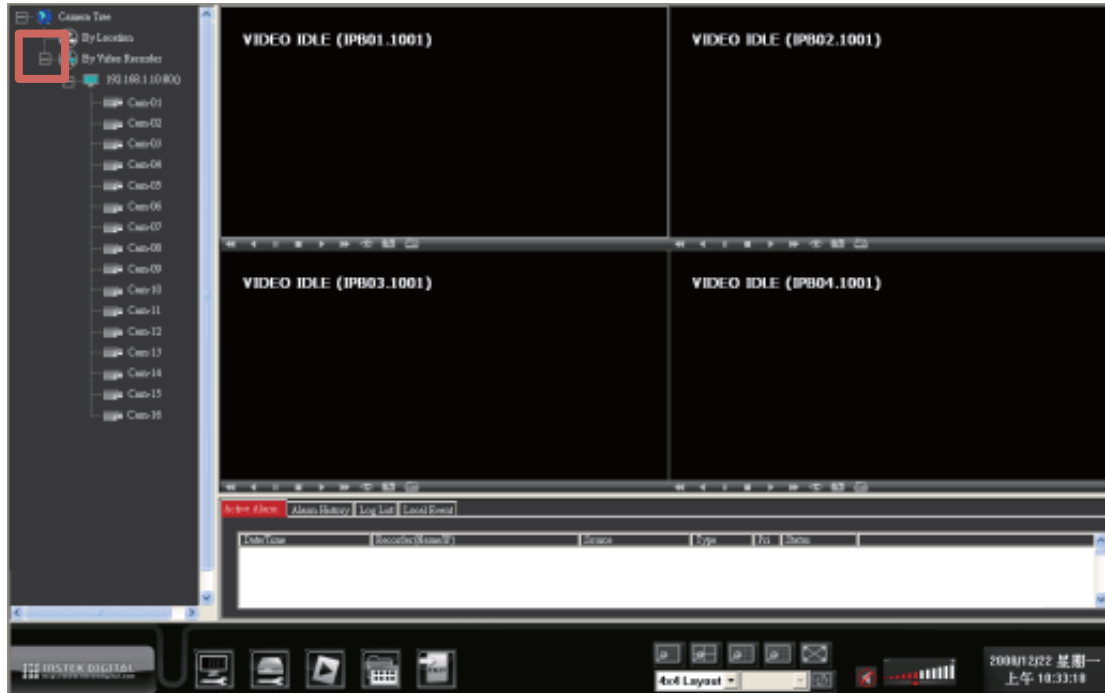
b. Type in the IP address of the recorder: 173.220.182.246. This will keep the time in sync between the recorder(NVR) and your PC running the Command Center application.



Base Installation Training

VIEW THE CAMERAS

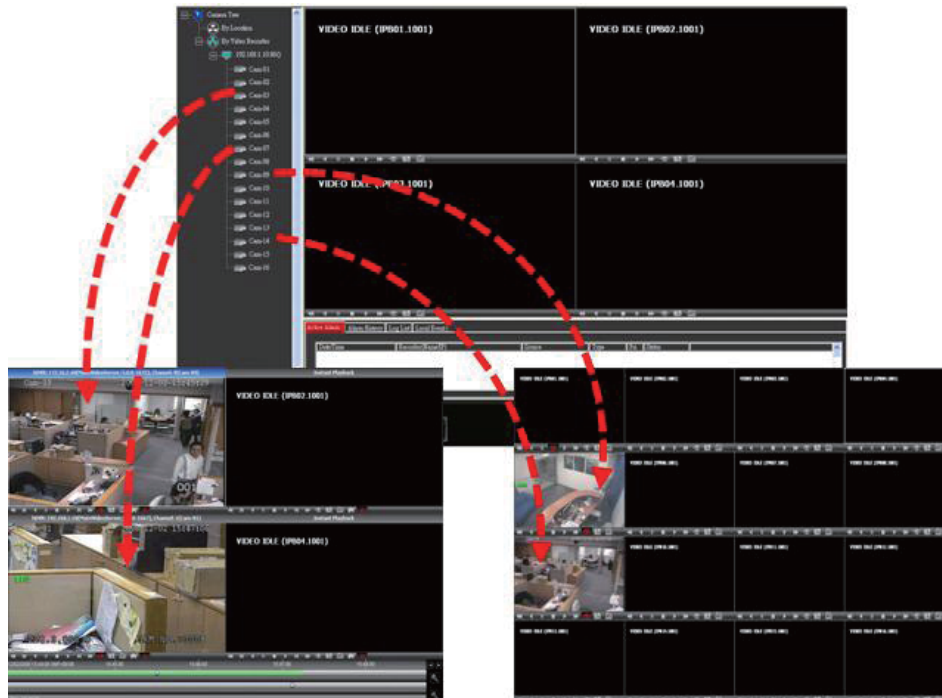
- a. Click on the “+” icon next to the IP address of the recorder to expand your camera tree.



Base Installation Training

VIEW THE CAMERAS (continued...)

Drag and drop the video source from the camera tree to the “blank” patterns (1x1, 2x2, 3x3 or 4x4) window to view the cameras.



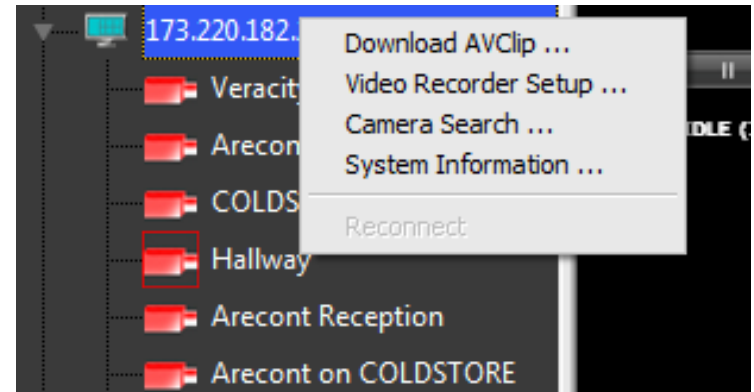


Setting Up the Cameras (OPTIONAL)

Base Installation Training

SETTING UP THE CAMERAS

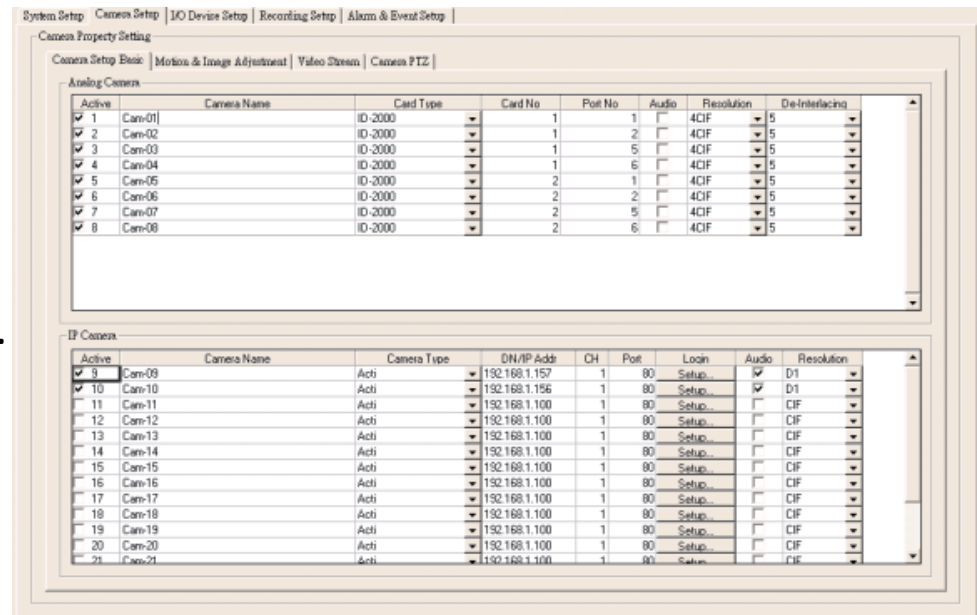
- a. Right-click on the recorder (labeled by its IP address) in the camera tree panel and click **Video Recorder Setup**. When asked to login the default username is **admin** and the password is **id**.
- b. Click the **Camera Setup** tab.



Base Installation Training

SETTING UP THE CAMERAS

a. Click **Camera Setup Basic** tab. Click the **Active** box next to the camera name(s) to enable the camera. Analog cameras can be setup on the top part of the window and the IP cameras can be setup on the bottom part of the window. You can also change the camera name by clicking on the camera name row for each camera, such as “Cam-01”, “Cam-02”.



b. For setting up IP cameras, refer to the next page.

Note: Before continuing, you must configure the IP address of each camera to ensure it is in the same network segment as the recorder. Refer to your camera's user manual for more information on how to do this.

Base Installation Training

SETTING UP IP CAMERAS

The screenshot shows a table titled "IP Camera" with the following columns: Active, Camera Name, Camera Type, DN/IP Addr, CH, Port, Login, Audio, and Resolution. Red letters e through k are placed above the columns: e above Camera Name, f above Camera Type, g above DN/IP Addr, h above Port, i above Login, j above Audio, and k above Resolution. The table contains 13 rows of camera data, with rows 9 and 10 checked in the Active column.

Active	e Camera Name	f Camera Type	g DN/IP Addr	CH	h Port	i Login	j Audio	k Resolution
<input checked="" type="checkbox"/>	9 Cam-09	Acti	192.168.1.157	1	80	Setup...	<input checked="" type="checkbox"/>	D1
<input checked="" type="checkbox"/>	10 Cam-10	Acti	192.168.1.156	1	80	Setup...	<input checked="" type="checkbox"/>	D1
<input type="checkbox"/>	11 Cam-11	Acti	192.168.1.100	1	80	Setup...	<input type="checkbox"/>	CIF
<input type="checkbox"/>	12 Cam-12	Acti	192.168.1.100	1	80	Setup...	<input type="checkbox"/>	CIF
<input type="checkbox"/>	13 Cam-13	Acti	192.168.1.100	1	80	Setup...	<input type="checkbox"/>	CIF
<input type="checkbox"/>	14 Cam-14	Acti	192.168.1.100	1	80	Setup...	<input type="checkbox"/>	CIF
<input type="checkbox"/>	15 Cam-15	Acti	192.168.1.100	1	80	Setup...	<input type="checkbox"/>	CIF
<input type="checkbox"/>	16 Cam-16	Acti	192.168.1.100	1	80	Setup...	<input type="checkbox"/>	CIF
<input type="checkbox"/>	17 Cam-17	Acti	192.168.1.100	1	80	Setup...	<input type="checkbox"/>	CIF
<input type="checkbox"/>	18 Cam-18	Acti	192.168.1.100	1	80	Setup...	<input type="checkbox"/>	CIF
<input type="checkbox"/>	19 Cam-19	Acti	192.168.1.100	1	80	Setup...	<input type="checkbox"/>	CIF
<input type="checkbox"/>	20 Cam-20	Acti	192.168.1.100	1	80	Setup...	<input type="checkbox"/>	CIF
<input type="checkbox"/>	21 Cam-21	Acti	192.168.1.100	1	80	Setup...	<input type="checkbox"/>	CIF

e. On the **IP Camera** table, type in a descriptive **Camera Name**.

f. Select the appropriate **Camera Type**.

g. Type the **IP Address** of the IP cameras. Domain names are supported if available on the surveillance network.

Base Installation Training

SETTING UP IP CAMERAS (Continued...)

- h. The **Port number** is dependent on the IP camera. **Ch** refers to the channel number of the video server. See the IP camera or video server manual for additional information.
- i. The **Login** option is used to access the camera configuration settings. If the camera configuration menu requires a username and password, then that information will need to be entered in this field.
- j. Click **Audio**, if supported.
- k. Select the **Resolution** for the camera from the drop-down list box.
- l. Finally, select the **Video Stream** tab to set up the **Frame Rate** and **Quality** (Bitrate) for each individual camera.

NOTE: The setup for each IP camera is a little bit different, as it is dependent on the camera manufacturer. The “application notes” to assist with the camera setup can be downloaded directly from Instek Digital’s website:

http://www.instekdigital.com/id/camera_list. Select the manufacturer and then navigate to the bottom of the page and download the appropriate application notes: