

Using a Modem to Connect Remotely to A CDVS-5000 Series DVR

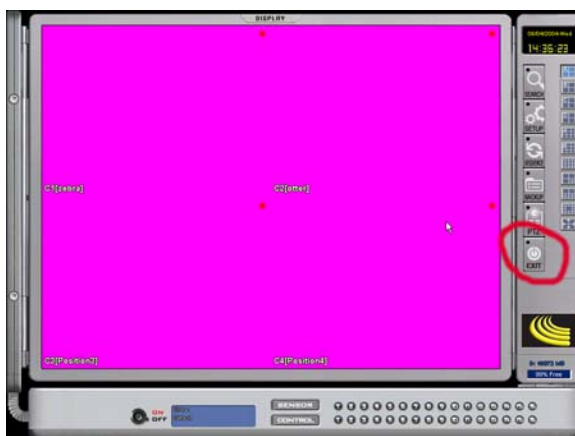
I. Setting Up Crest CDVS-5000 Series DVR

1. Connect modem to unit and install the modem's software drivers.

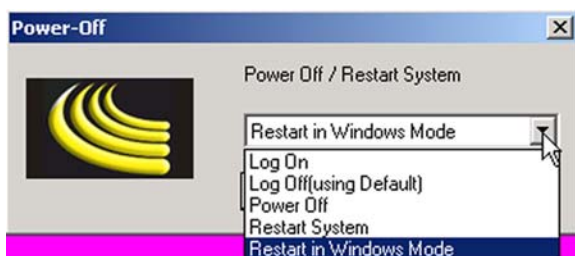
The first step in using a modem to connect to a DVR is to set up the modem. If you purchased the modem from Crest Electronics at the time of purchasing the DVR, then the modem should already be set up and ready for use. If you purchased the modem from Crest Electronics after you purchased the DVR you will need to follow the setup instructions that came with your modem. After successfully installing your modem, follow the setup below to set up your DVR to accept incoming calls from a remote machine using our Center (Remote) software.

2. Setup Windows to accept incoming calls.

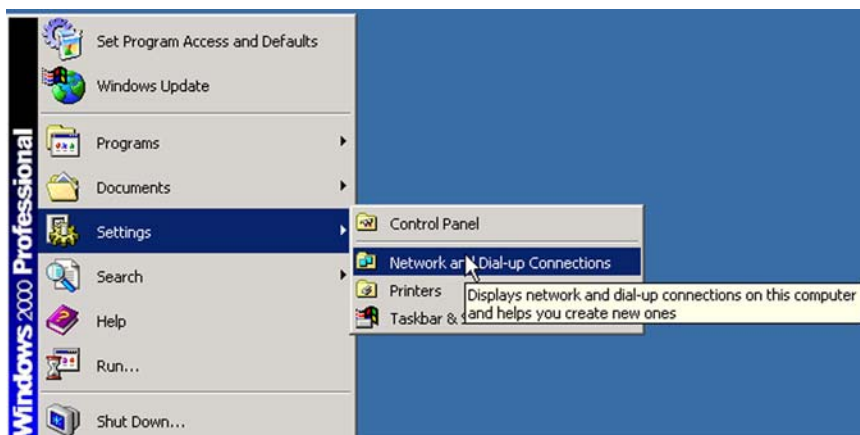
A. If the DVR software is running, click exit, and restart in windows mode.



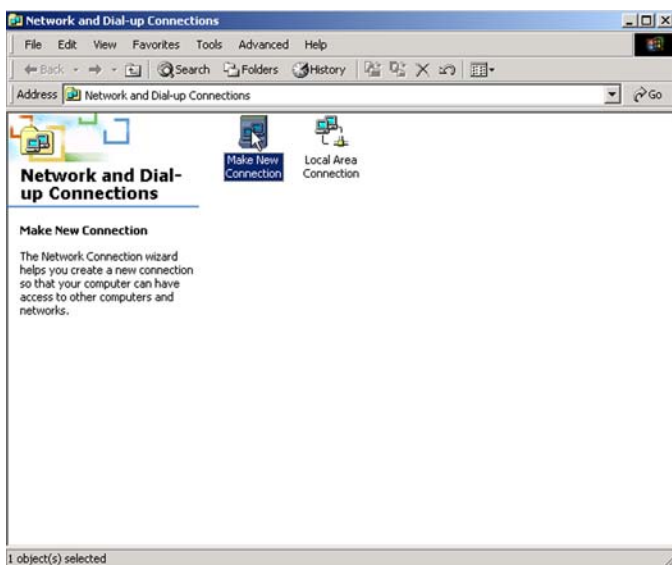
B: Click Restart in Windows Mode. If prompted to log on with another user, click yes and type in Administrator for user name and the administrator's password.



C: From the windows desktop click **start**, **settings**, **network and dial up connections**.



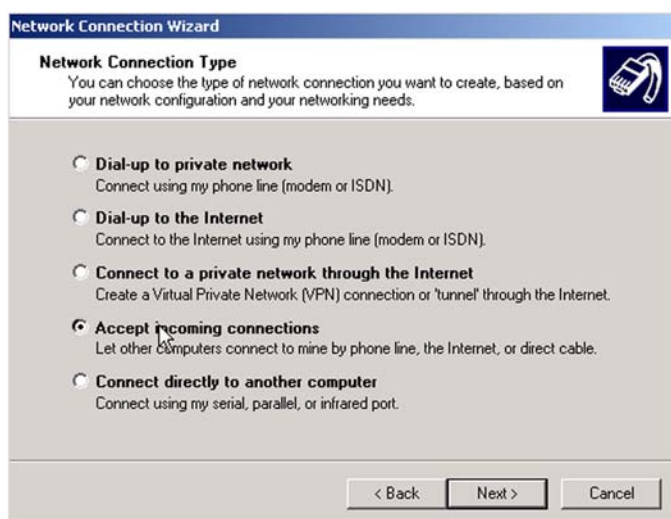
D. Click Make New Connection.



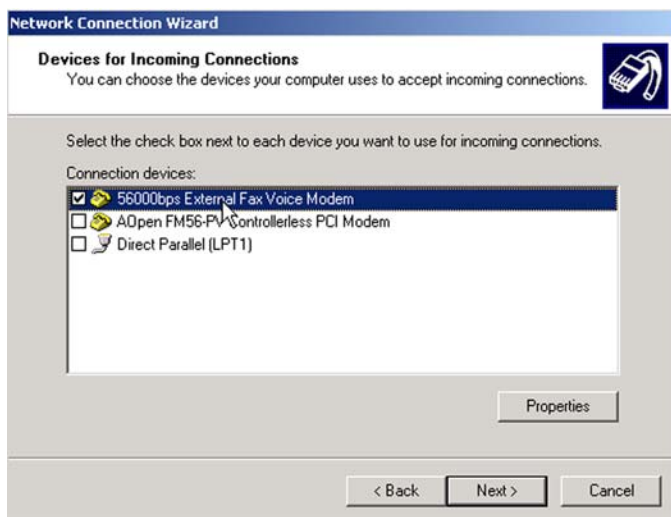
E. At the Connection wizard click next.



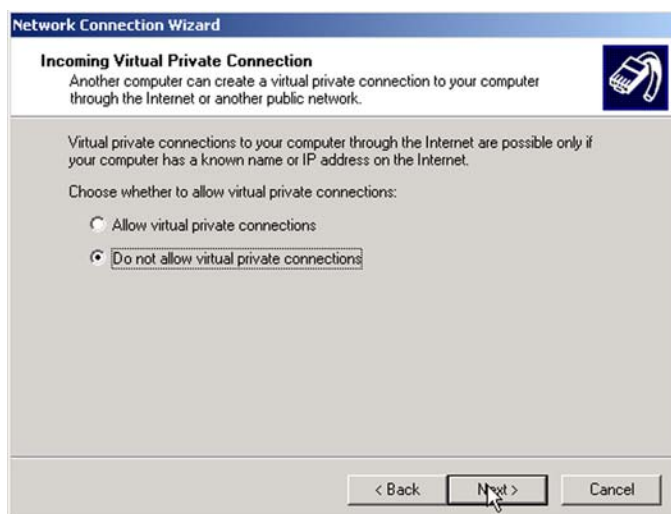
F. Click accept incoming Calls.



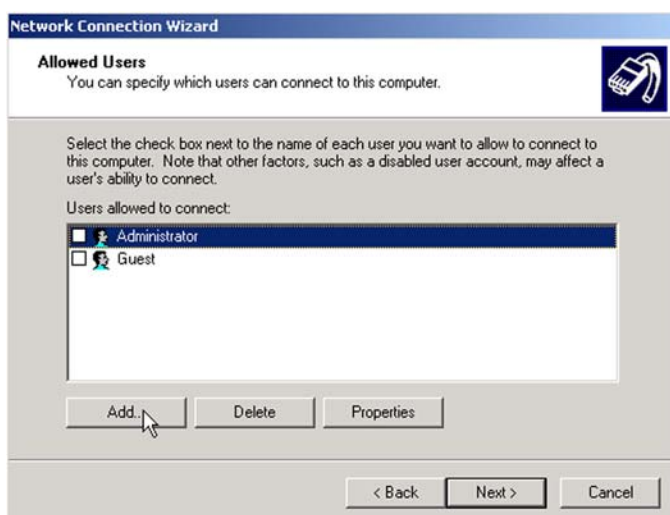
G: Choose your modem.



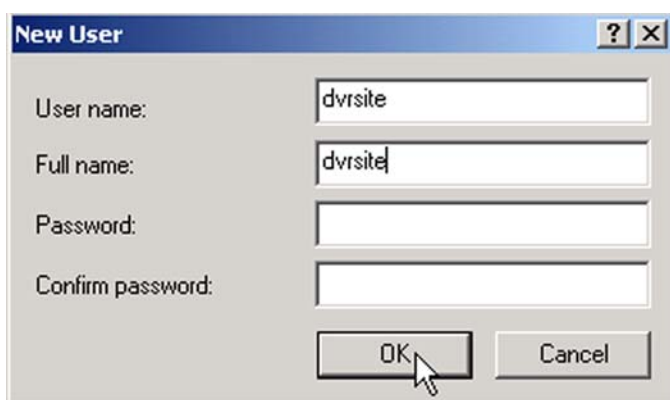
H. Choose "Do Not Allow virtual private connections".



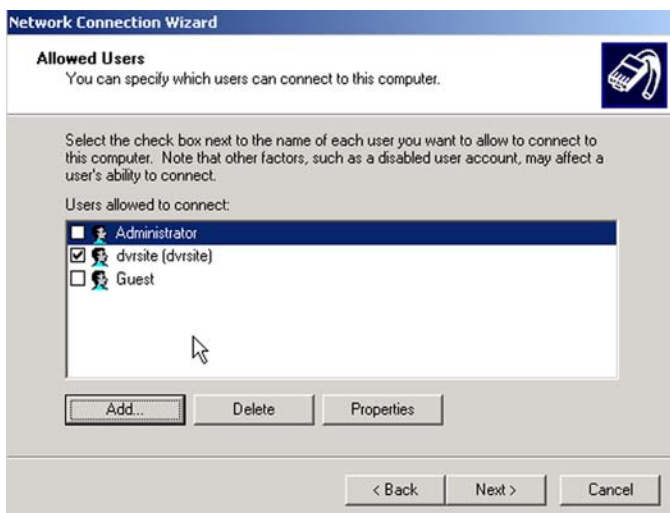
I. Add Center program user to the Allowed users screen by clicking the add button.



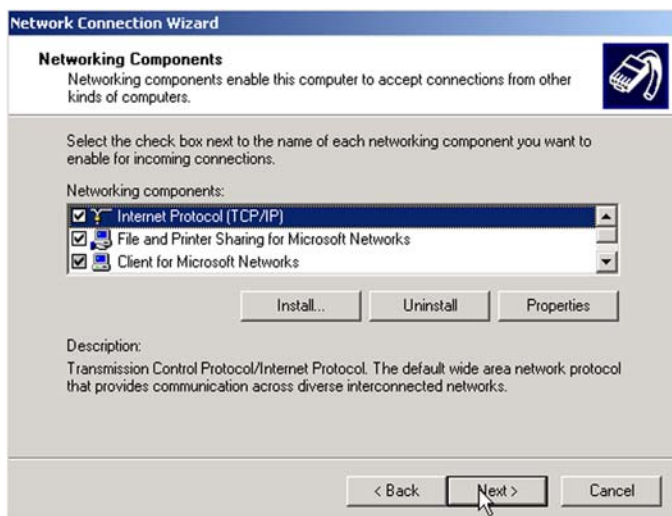
J. Enter user name as dvrsite with the full name of dvrsite. Click OK. (Do not enter a password. If you put password here please write down the password exactly as you entered it as you will need it as you complete the other steps in setting up a modem connection.)



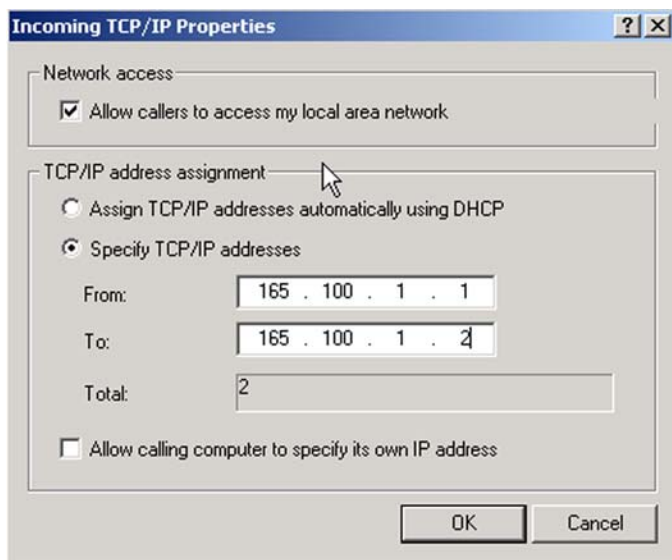
K. Make sure that dvrsite is checked. Your box should look like one below. Click next



L. At the Networking Components screen choose Internet Protocol (TCP/IP) and click the properties button.



M. Select “Allow callers to access my Local area network”; then choose “Specify TCP/IP address”. Enter IP address you can use default of 165.100.1.1 and 165.100.1.2 if it does not conflict with other ip addresses on system. Your screen should look like screen below. After entering ip addresses click OK.



N. To finish setting up modem, connection click Finish button. Leave the connection name as Incoming Connections.



3. Set Up DVR software

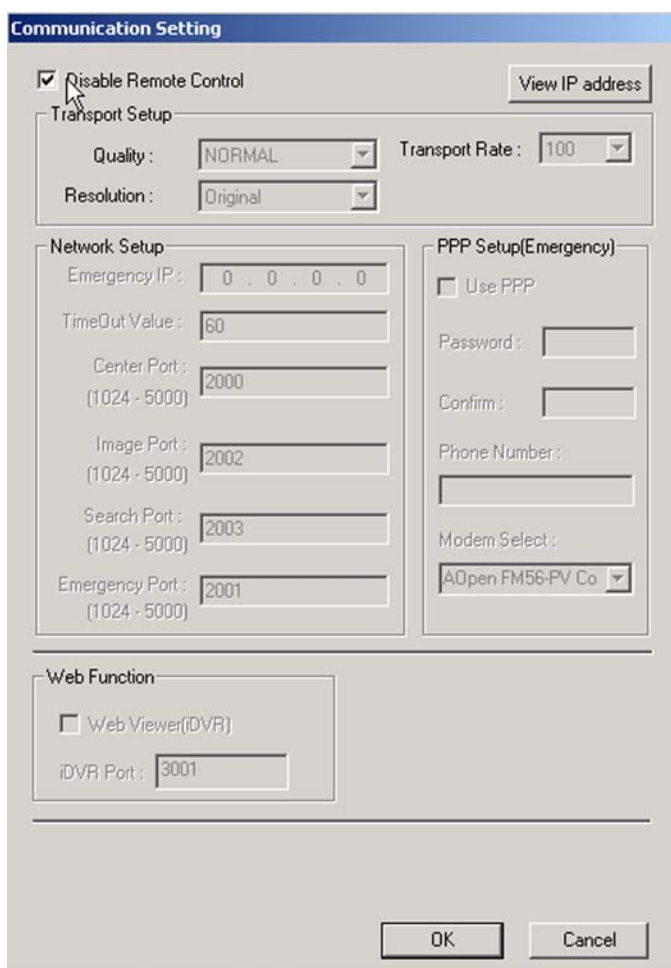
A. To set up the DVR software to communicate with the modem, click the setup button on the Main DVR screen.



B. Select Communications Setup Button.



C. Uncheck Disable Remote Control. put a check in the “Use PPP” box, Select your system’s modem from the “Modem Select” dropdown box.



D. Your screen should look similar to the screen below; if it does click OK. (You do not enter a password unless you entered a password in step 2.-J. If you did, then enter the same password here exactly as you entered it.)

Communication Setting

☐ Disable Remote Control View IP address

Transport Setup

Quality : NORMAL Transport Rate : 100

Resolution : Original

Network Setup

Emergency IP : 0 . 0 . 0 . 0

TimeOut Value : 60

Center Port : 2000
(1024 - 5000)

Image Port : 2002
(1024 - 5000)

Search Port : 2003
(1024 - 5000)

Emergency Port : 2001
(1024 - 5000)

PPP Setup(Emergency)

☒ Use PPP

Password :

Confirm :

Phone Number :

Modem Select : AOpen FM56-FV Co

Web Function

☐ Web Viewer(iDVR)

iDVR Port : 3001

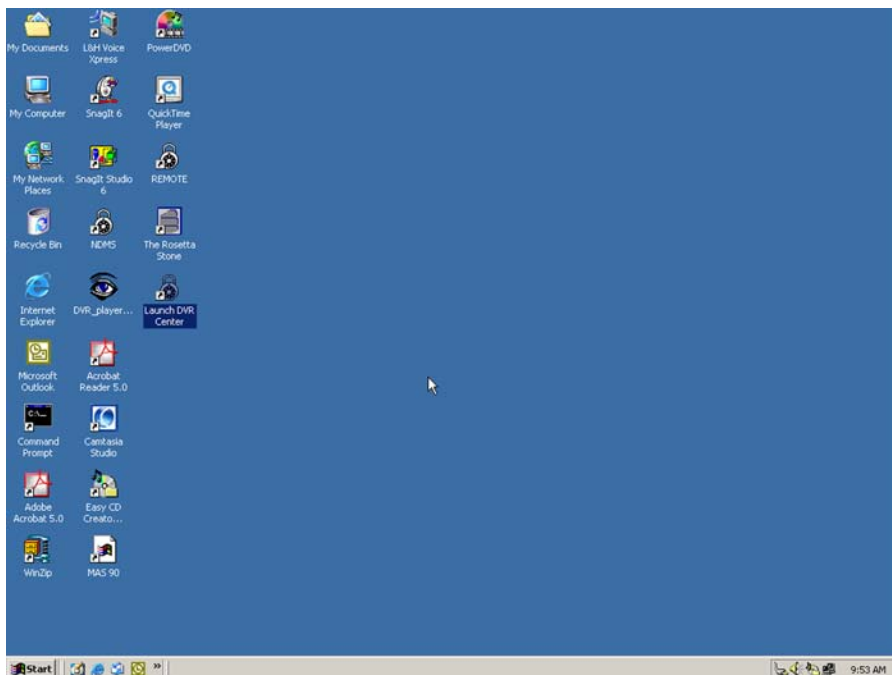
OK Cancel

E. Click Apply then OK to return to the main DVR screen.

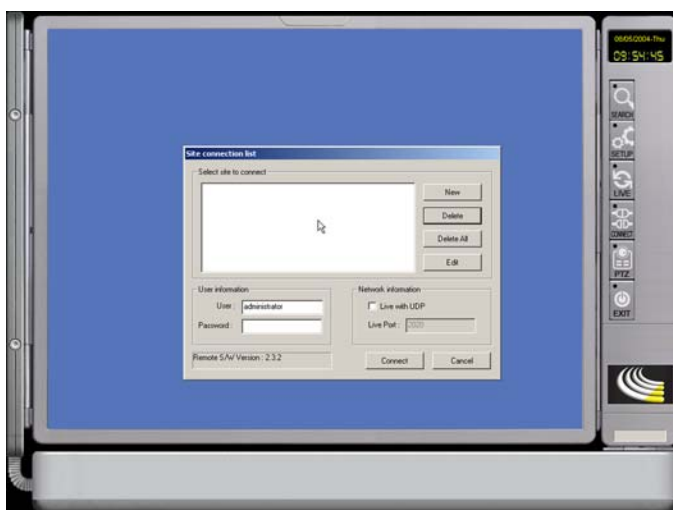
4. Setup the remote computer to communicate with the DVR.

A. Load the Center (Remote) software on the remote workstation if you have not done so previously.
(See section on Remote Software installation if you need help installing the Center Software).

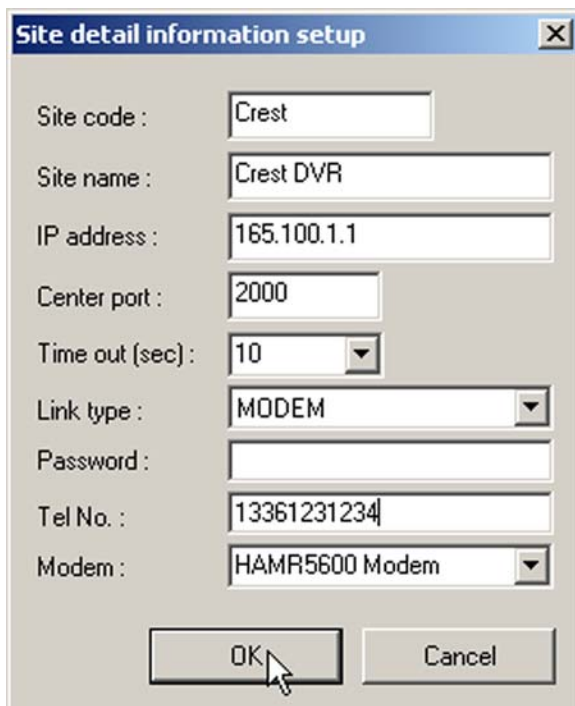
B. Launch the Center Software by clicking on the Center software icon.



C. From the main Center Software screen select, New button.



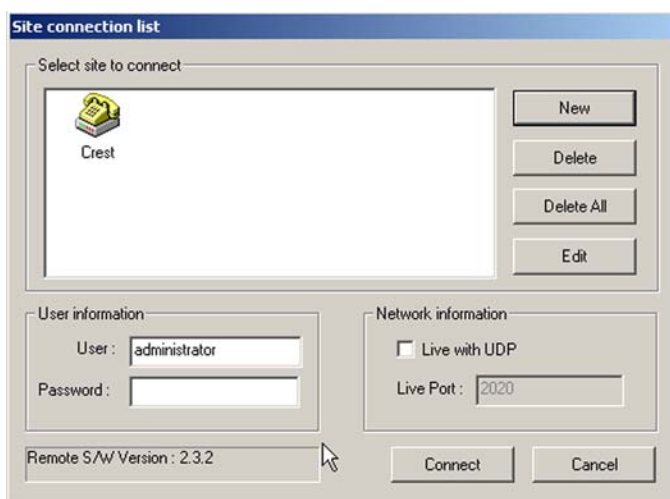
D. Enter Site Code, Site Name, IP address. Select Link type as Modem. Enter telephone number without any spaces or hypens. (Do not enter a password unless you did so in the previous steps. If you entered a password in the previous steps you must enter the same password here to be able to connect to the DVR's modem.) Select your computer's modem from the Modem box. Click OK.



The 'Site detail information setup' dialog box contains the following fields and controls:

- Site code : Crest
- Site name : Crest DVR
- IP address : 165.100.1.1
- Center port : 2000
- Time out (sec) : 10 (dropdown menu)
- Link type : MODEM (dropdown menu)
- Password : (empty text box)
- Tel No. : 13361231234
- Modem : HAMR5600 Modem (dropdown menu)
- Buttons: OK, Cancel

E. The Site Connections List box now shows you new site, and should have a telephone icon indicating that it is a modem connection. Select this icon, enter a user name and password and click connect.



The 'Site connection list' dialog box contains the following elements:

- Select site to connect:** A list box showing a site named 'Crest' with a telephone icon.
- Buttons:** New, Delete, Delete All, Edit.
- User information:** User: administrator, Password: (empty text box).
- Network information:** ☐ Live with UDP, Live Port: 2020.
- Footer:** Remote S/W Version: 2.3.2, Connect, Cancel buttons.

If you followed the steps correctly you should get connected via the modem. Please refer to the section in the manual for information on using the Center software.
