Video Server DVS-104

Quick Installation Guide

This guide describes the basic functions of DVS-104.

All detailed information is described in the user's manual.

1 Check package contents

DVS-104

Power adapter

Camera control cable
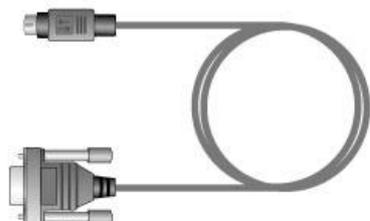
Null modem cable
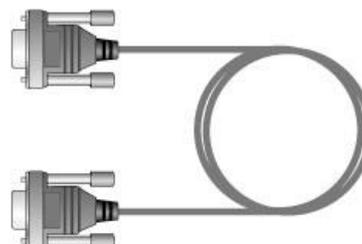
Two I/O terminal block connectors and foot pad

Software CD

② If you have Ethernet card

● Front panel
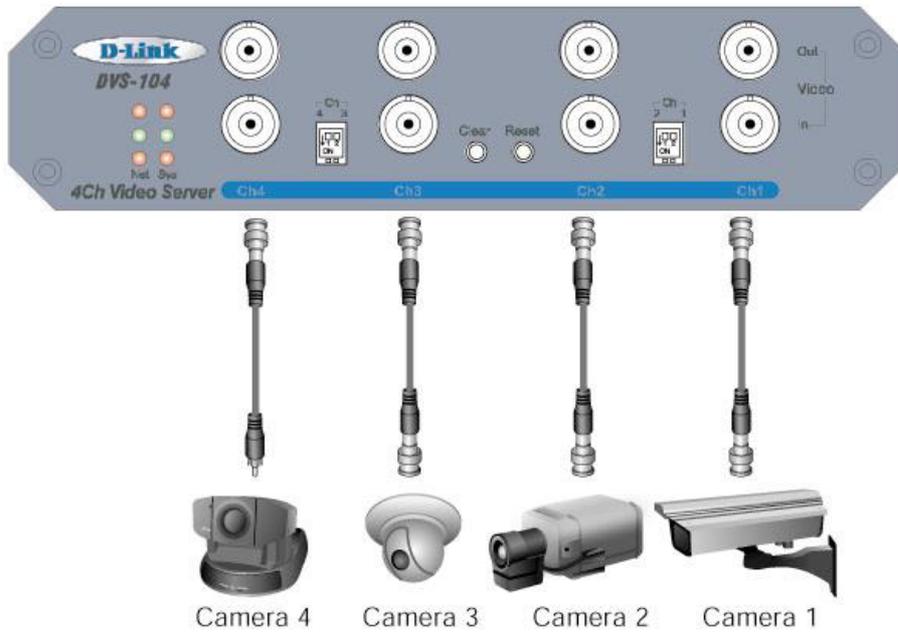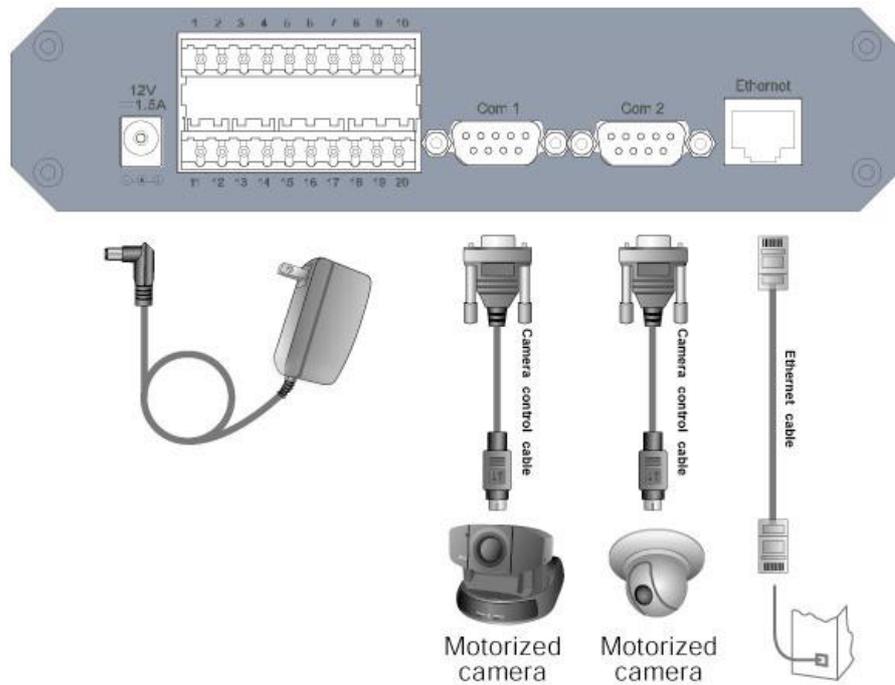
Camera 4 Camera 3 Camera 2 Camera 1

● Rear panel

Motorized camera   Motorized camera

**Step 1** Note the serial number on the label of DVS-104.

Step 2 Connect video cable and/or control cable of camera to DVS-104 starting from VIDEO1.

Step 3 Connect DVS-104 to Ethernet through CAT-5 UTP cable.

Step 4 Connect power adapter and wait for both lowest LED in SYS column to stay light off.

Step 5 For easy way in Microsoft Windows, run installer.exe and go to **step6** . For command mode, go to **Step8** .

Step 6 Click on the serial number that matches the one you just note. Assign a free IP address in the edit box below and click on "Set IP address". Note that IP address shown in the right figure is an example and may not suit for your use. The IP address shown in "Current IP Address" field comes from DHCP server or previous one. Check the option under IP address box if you want DVS-104 to keep the IP and need no installation afterwards.

Step 7 After progress, click on "OK" to confirm. Go to **Step9** .

Step 8 In command prompt or console use ARP and PING as the following sequence. Installation is done as soon as PING is answered.

arp-s <free IP address> <Ethernet address>

ping <free IP address>

For example, if 192.168.0.100 is free to use and serial number of DVS-104 is 0002D1000134,

Microsoft Windows

Open a DOS command window and type as follows,

arp-s 192.168.0.100 00-02-D1-00-01-34

ping 192.168.0.100

UNIX/Linux

In console, type as follows,

arp-s 192.168.0.100 00:02:D1:00:01:34

ping 192.168.0.100

Step 9 Open web browser to connect to the assigned IP address.

Step 10 For initial usage, type in "root" as user name and MAC address as password. Note the alphabets in serial number should be capital. Click OK to enter.

＊Remember to change the password in system configuration first for security.

＊Review network settings in configuration page for correct operation. That may be subject to your network environment.

*After entering the main page, refer to the user manual for further information is strongly advised.*

3 If you have only Modem

Front panel
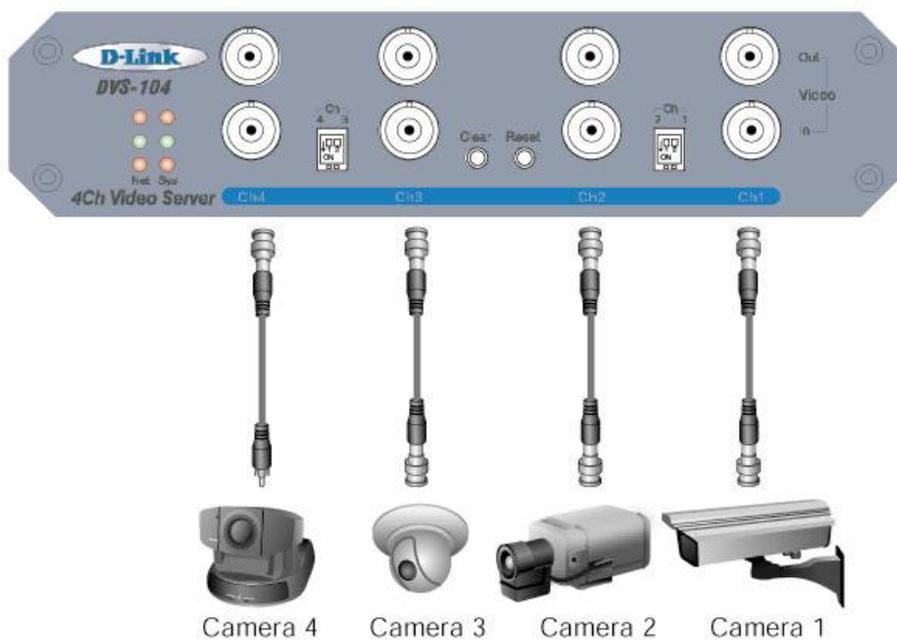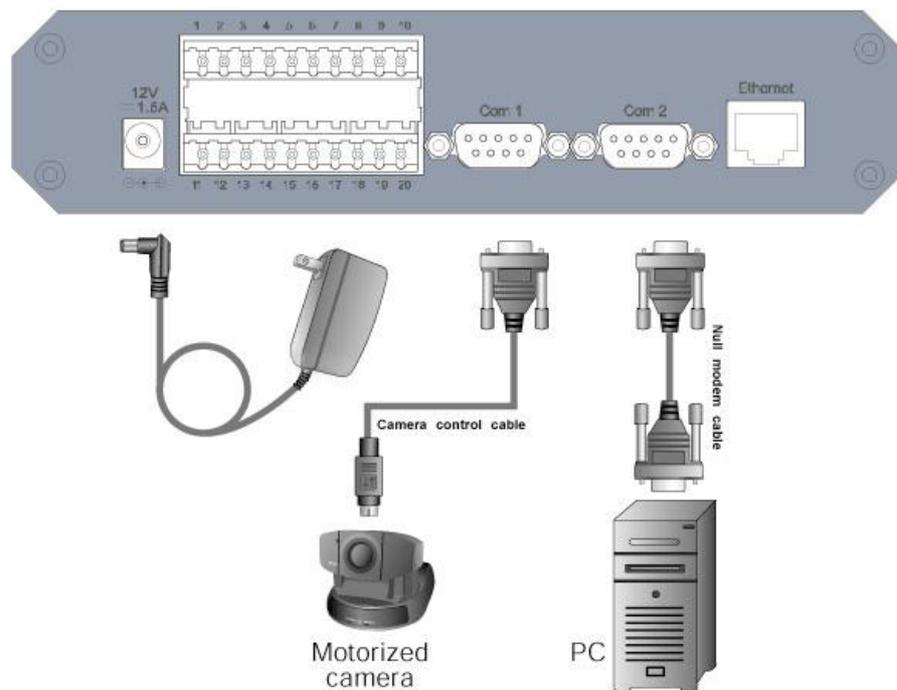
Camera 4   Camera 3   Camera 2   Camera 1

Rear panel

Camera control cable

Null modem cable

Motorized camera

PC

Step 1 Note the serial number on the label of DVS-104.

Step 2 Connect video cable and/or control cable of camera to DVS-104 starting from VIDEO1.

Step 3 Connect DVS-104 to PC or Notebook through the included null modem cable.

Step 4 Connect power adapter and wait for both lowest LED in SYS column to stay light on.

Step 5 Open the control panel and double click the Modems icon.

Step 6 Check "Don't detect my modem....." item and click [Next>] to install a new modem.

Step 7 From (Standard Modem Types) choose Standard 33600 bps Modem and click [Next>].
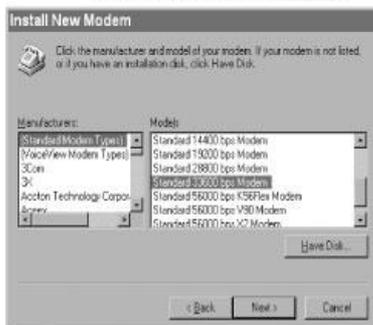
Step 8 Choose the serial port that the included null modem cable is attached and click [Next>].
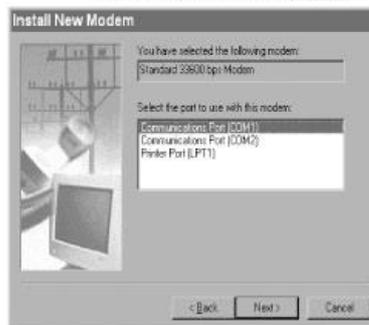
Step 9 Now the null modem is ready for use. Click [Finish] to close wizard.

Step 10 If no Dial-Up adapter exists in the system, Windows will automatically prompt to install.

Step 11 After the 33600 bps modem is installed, open the Dial-Up Networking folder in Windows to build a new connection.
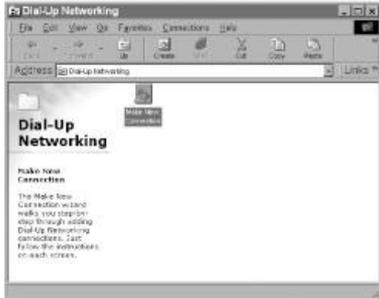
Step 12 Select the device as the newly installed standard 33600 bps modem and click on [Next>].

Step 13 Just enter arbitrary digits as phone number and click on [Next>]. The phone number used here is not important.

Step 14 After clicking on [Finish], this new connection will display in the Dial-up Networking folder and will be used for null modem.

Step 15 Right-click on the newly setup connection icon for property.
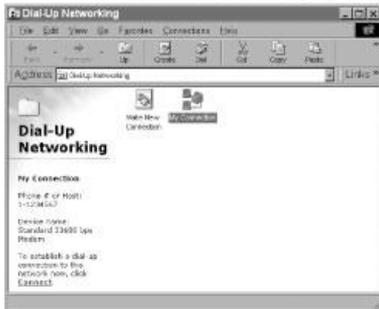
Step 16 In the first General page, clear "Use area code and Dialing Properties" option and click on [Configure].
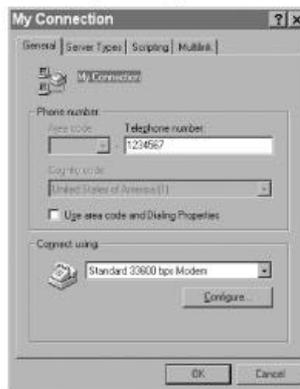
Step 17 Select 115200 as the speed and click on [OK].

Standard 33600 bps Modem Properti... ? X

General | Connection | Options |

Standard 33600 bps Modem

Port: [Communications Port (COM1) ▼]

Speaker volume
Low ———|——— High

Maximum speed
[115200 ▼]
☐ Only connect at this speed

[OK] [Cancel]
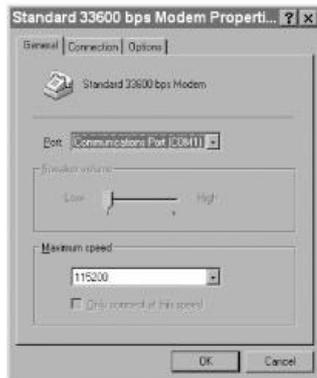
Step 18 In the second page, only check "Enable software compression" and "TCP/IP" while leaving others blank. Keep other settings as default values and click on [OK]. Now the connection is ready for null modem connection.

My Connection ? X

General | Server Types | Scripting | Multilink |

Type of Dial-Up Server:
[PPP: Internet, Windows NT Server, Windows 98 ▼]

Advanced options:
☐ Log on to network
☑ Enable software compression
☐ Require encrypted password
☐ Require data encryption
☐ Record a log file for this connection

Allowed network protocols:
☐ NetBEUI
☐ IPX/SPX Compatible
☑ TCP/IP   [TCP/IP Settings...]

[OK] [Cancel]

Connect To ? X

My Connection

User name: [root]
Password: [**********]
☑ Save password

Phone number: [1234567]
Dialing from: [New Location ▼] [Dial Properties...]

[Connect] [Cancel]

Step 19 Double clicking the newly setup connection will pop out a dialing information window. Enter ÒrootÓ as user name and the serial number labeled on the bottom side of box as password and click on [Connect]. The user name and password are identical to what used in web access and may be changed by administrators after successful installation. Note that alphabets in serial number should be upper case. After some negotiation prompts, a connection status window will show the speed is 115200 bps.

＊Remember to change the password in system configuration first for security.
＊Null modem connection only works once after system starts. To re-connect via null modem, system needs restart.
＊Review network and modem settings in configuration page for correct operation. To activate auto-dial, some application should be setup in advance.
＊After finishing configuration, power off system and change null modem cable to a real modem for Internet access.

After entering the main page, refer to the user manual for further information is strongly advised.