

AVN200 Installation Guide



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- Please visit the support section of our website at www.vsicam.com for manuals, other documentation, and software downloads.
- This is an installation guide only and not the full User's Manual. Current user manuals are available online.

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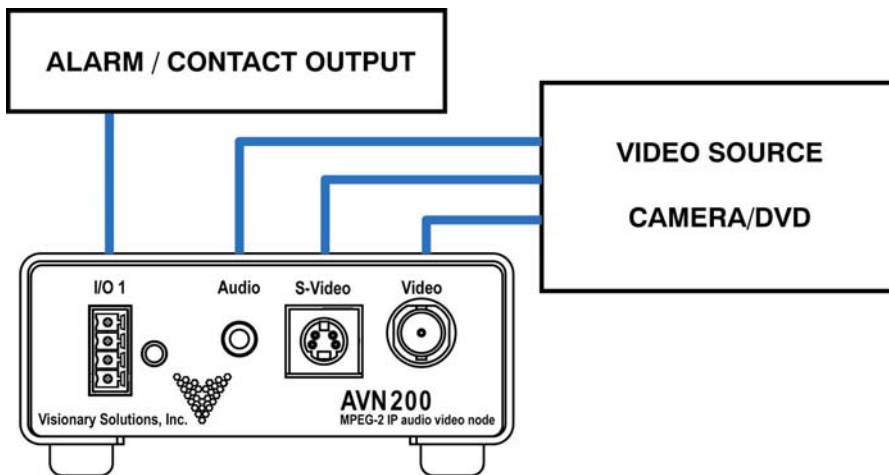
June 23, 2008
Revision: 1.1.0

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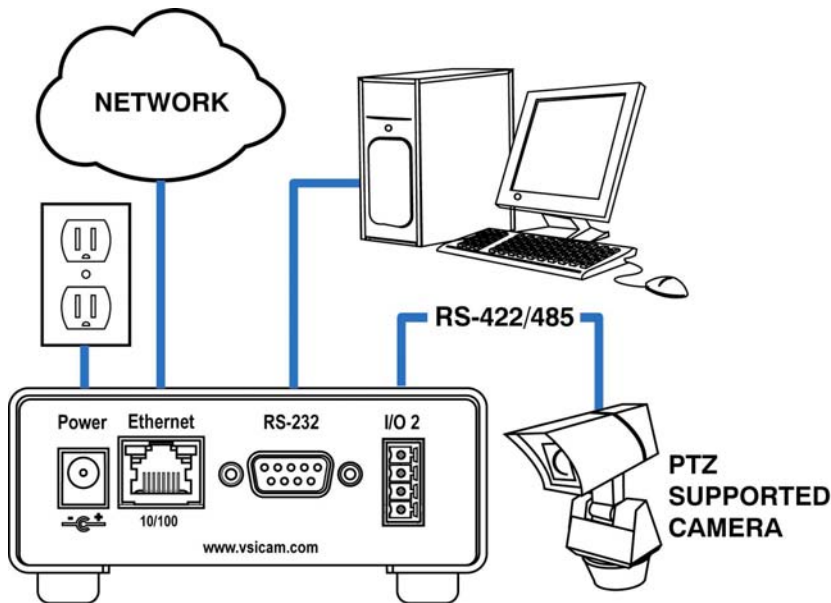
AVN200 Hardware Installation

1. Connect your video source to the BNC Video connector (for composite video) and/or the S-Video connector. If you are using a composite video source with an RCA output connector, use an RCA-to-BNC (included) adapter to connect the video source to the AVN200.
2. Connect your audio source to the 1/8 inch Audio connector.
3. Connect the LAN Ethernet cable to the Ethernet RJ-45 connector.
4. Connect the AC power adapter (included) to the AVN200 Power Supply connector and power on the AVN200.

Front Panel Channel Diagram



Rear Panel Channel Diagram



Configuring the AVN200

Before you can use the AVN200 on your network, you will need to determine whether to assign a static IP Address to your AVN200 or use the default DHCP setting that allows your network to automatically

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assign a dynamic IP address. **It is highly recommended that you assign a static IP Address to your AVN200.** If the unit is not statically configured and no DHCP server is available on the network, the unit will default to IP address **192.168.1.253**.

1. In order to configure your AVN200, you will need to ask your IT/Networking department for the following information:
 - a. Does your network use DHCP and have a DHCP Server running? (Yes or No. If No, you will need to assign a static IP Address to your AVN200.)
 - b. What is the subnet mask of your network? (Example: 255.255.255.0)
 - c. What is the default gateway address on your network? (Example: 192.168.1.1)
 - d. What is an available IP address we can assign to the AVN200 unit? (Example: 192.168.1.100)
2. Connect the Null Modem cable between the RS-232 port of the AVN200 and a COMM port on your PC (typically the COM1 port).

Note: *If there is a COMM port conflict and you are unable to use HyperTerminal (see #3 below), you may configure the AVN200 with the PackeTV™ Configuration Utility. Refer to the PackeTV™ Configuration Utility User's Manual for details.*

3. Launch a terminal emulator application, such as Microsoft's HyperTerminal.
 - a. In this example, go to the Windows Start menu, select Programs> Accessories> Communications> HyperTerminal.
 - b. Select a name and an icon for this Channel, click OK.
 - c. Specify the port that you are connected to on your PC (**typically COM1**), click OK.
 - d. Configure the Port Settings as follows: **Bits per second (38400), Data bits (8), Parity (None), Stop bits (1), Flow Control (None)**. Click OK.
 - e. From the Main Admin Menu, select "Config Menu", and press **ENTER** to open the Config Menu.
 - f. Turn off DHCP. Select the "Use DHCP" option, then press **ENTER**. Type "no" at the prompt then press **ENTER** again. Once DHCP is turned off you will want to modify the following options: IP Address, Netmask and Gateway. Record each value that you enter as you will need those values when you go to start/connect to a video stream.
 - g. When you are finished configuring options, select the "Save" option and press **ENTER**. Next, select the "Return" option to return to the Main Admin Menu.
4. Before exiting HyperTerminal, you can assign an Administrative Username and Password to the AVN200 (see the User's Manual for more information). By default the AVN200 **Username/Password** are **admin/admin**.
 - a. From the Main Admin Menu, select the "Config Menu" option. At the Security Menu, enter the items that you would like to modify.
 - b. When you modify the Password, your entry will be visible in plain text and you will be asked to confirm your entry. When finished, you must save your settings in order for them to take effect. Select the "Save" option and press **ENTER**.
5. After saving your changes, go up to the top-level Main Admin Menu (99 to go up) and select the "Reboot" option. The AVN200 should reboot and the Menu should appear on your console window again when the reboot is complete. Your AVN200 should be ready to test.

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Note: *The values that you enter and save in this menu will be stored even if the AVN200 is rebooted. If at any point your AVN200 becomes unusable or has undesirable settings, it can be restored to a factory default state by pressing and holding in the blue reset button on the front of the unit for 3 seconds.*

6. Exit HyperTerminal and disconnect your Null Modem Cable if no longer needed.

Starting a Video Stream

1. Open the device's web interface.
2. From the main page, configure the unit as desired and click Save when finished.
3. Click the Start button in the lower left hand corner of the screen.

Safety and Compliance Information

1. Unintended use of this product, or use with non-VSI listed components, is forbidden and violates safety approvals.
2. Only use the power supply that is provided with this system.


Safety Approval:

UL Listed I.T.E. E257717

Unit Ratings:

 **Caution:** 3.3Vdc, 2A

Power Supply Rating:

 **Caution:** 100-240V~, 50-60 Hz, 0.5A

Fuse Rating:

No user accessible fuse.