

VA2000 Series VA1000 Series User's Guide



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CHAPTER 1- KEY FEATURES	- 1 -
1.1 KEY FEATURES	- 1 -
CHAPTER 2- AOPEN VA2000 / VA1000 SERIES SETTING	- 3 -
2.1 VA2000 / VA1000 SERIES LAYOUT VIEW.....	- 3 -
2.2 PACKAGE CONTENTS	- 3 -
2.3 SYSTEM REQUIREMENTS	- 4 -
2.4 HARDWARE INSTALLATION	- 4 -
CHAPTER 3- DRIVER INSTALLATION (WINDOWS 98 SE/2000/ME)	- 7 -
3.1 DRIVER INSTALLATION FOR WINDOWS 98SE/2000/XP	- 7 -
3.2 DRIVER INSTALLATION FOR WINDOWS ME	- 9 -
3.2 COMPONENT CHECK-OUT	- 10 -
CHAPTER 4- OPENREMOTE.....	- 11 -
4.1 INSTALL OPENREMOTE	- 11 -
4.2 GETTING STARTED	- 11 -
4.3 HOW TO USE OPEN REMOTE	- 12 -
CHAPTER 5- AOPEN DRIVER LIVE UPDATE.....	- 14 -

Chapter 1- Key Features

Welcome to the world of AOpen Video Station VA2000 / VA1000 Series . With this multimedia product, you can use it as a convenient tool for multiple purposes including video conferencing, video editing, class presentation, or even entertainment. The jumperless design and PnP (Plug & Play) implementation simplify the tedious installation process.

1.1 Key Features

- ✍ **Receive TV broadcasts:** 125 channel cable/antenna-ready TV tuner
- ✍ **External inputs for video capture:** AV and S-video inputs for external video resources like cameras and VCRs.
- ✍ **Wireless remote control included:** Channels up/down, Volume up/down.
- ✍ **Full motion video capture**
- ✍ **Still frame video capture**
- ✍ **External interface:** 75 ohm IEC coaxial input (cable TV), composite (RCA) input, S-Video (SVHS) input, audio input, and line audio output

WDM Capture Driver Support

- ✍ Windows 98SE
- ✍ Windows ME
- ✍ Windows 2000
- ✍ Windows XP

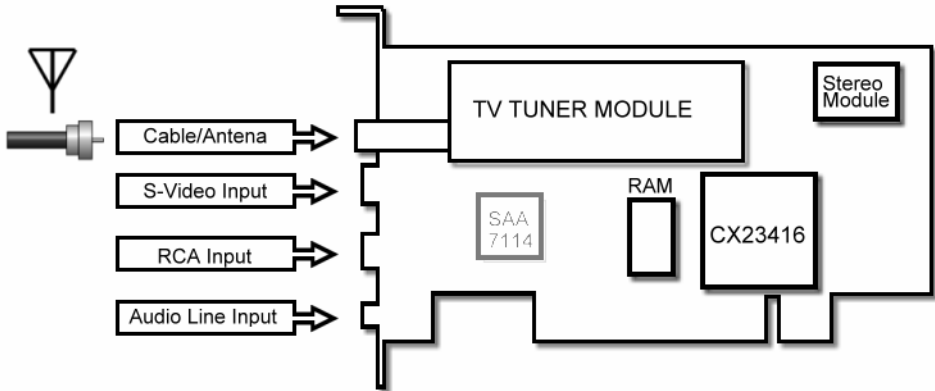
Model Comparison table

Model name	Capture Chipset	NEC 3D Y/C Sep	Remote Control	Stereo	Composite Input	S-Video Input
VA2000 MAX-SNT6	Conexant CX23416	Yes	Yes	Yes	Yes	Yes
VA2000 MAX-NT6	Conexant CX23416	No	Yes	Yes	Yes	Yes
VA1000 MAX-NT1	Conexant CX23881	Yes	Yes	Yes	Yes	Yes
VA1000 POWER-NT3	SAA7133	No	Yes	Yes	Yes	Yes
VA1000 MAX	SAA7130	No	Yes	Yes	Yes	Yes
VA1000 Lite2	SAA7130	No	Yes	-	Yes	Yes

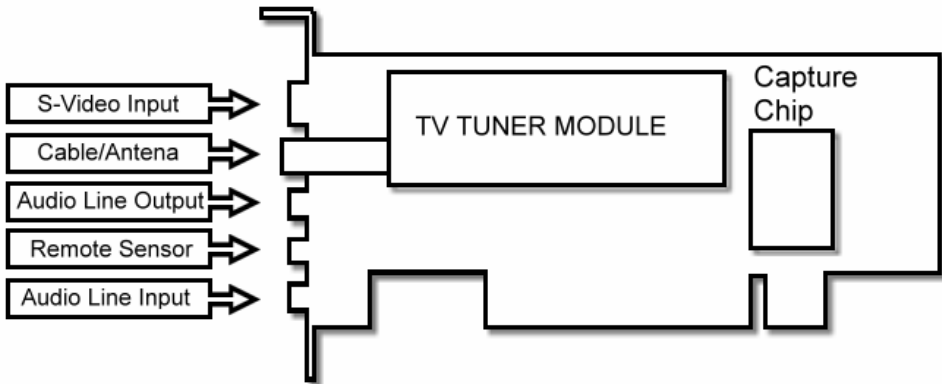
Chapter 2- AOpen VA2000 / VA1000 Series Setting

2.1 VA2000 / VA1000 Series Layout View

VA2000 Series



VA1000 Series



2.2 Package Contents

- ✍ Video Station VA2000 / VA1000 Series Card
- ✍ Remote Control and Receiver Cable
- ✍ CD of VA2000 / VA1000 Series Drivers

2.3 System Requirements

- ✍ IBM PC or compatible
- ✍ Pentium III 600MHz CPU or better processor
- ✍ Minimum 128 MB memory
- ✍ One free PCI slot and IRQ
- ✍ VGA and with DirectDraw driver supporting 15 bit color or higher
- ✍ Microsoft Windows 98SE/2000/Me/XP
- ✍ TV antenna or cable from CATV
- ✍ Sound card
- ✍ Speakers for audio output
- ✍ CD-ROM drive

2.4 Hardware Installation

Caution:

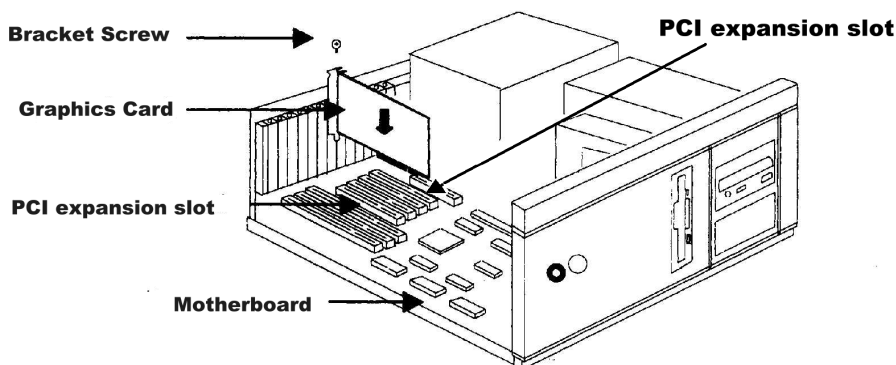
Static electricity can severely damage electronic parts, Take these precautions:

- ✍ Before touching any electronic part, drain the static electricity from your body. You can do this by touching the internal metal frame of your computer while it's unplugged.
- ✍ Don't remove a card from the anti-static container until you are ready to install it. When you remove a card from your computer, place it back in its container.
- ✍ Don't let your clothes touch any electronic parts.
- ✍ When handling a card, hold it by its edges, and avoid touching its circuitry.

2.4.1 Please follow the steps shown below to install the card into your computer:

1. Turn off all your computer power and any peripherals.
2. Select an available PCI slot and remove the slot cover, screw, etc.

3. Put the **Video Station VA2000 / VA1000 SERIES** card firmly into the PCI slot until it snaps in place and secure the card by replacing the screw you remove from step 2.



4. Plug the TV cable into the antenna adapter input of **Video Station VA2000 / VA1000 SERIES**.

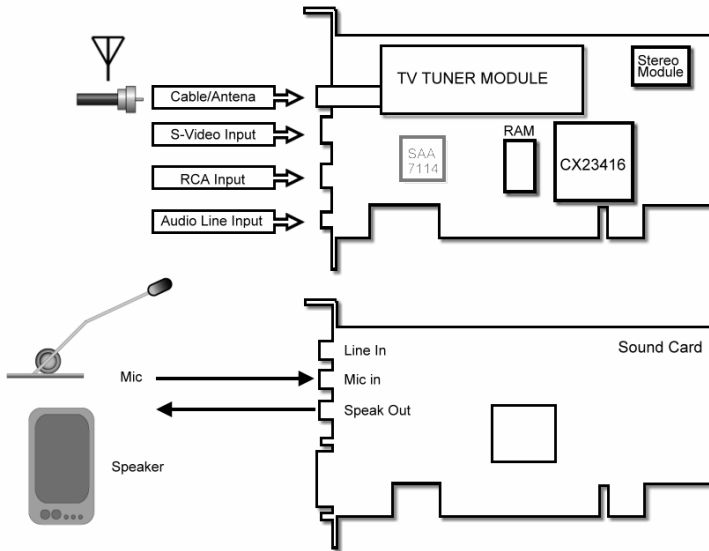
2.4.2 For TV watch on your PC

- ✍ Connect the TV antenna or cable with the antenna input.
- ✍ Connection between the "Speak out" or "Line out" connector of your sound card and the speaker.
- ✍ Connector of remote control sensor cable.

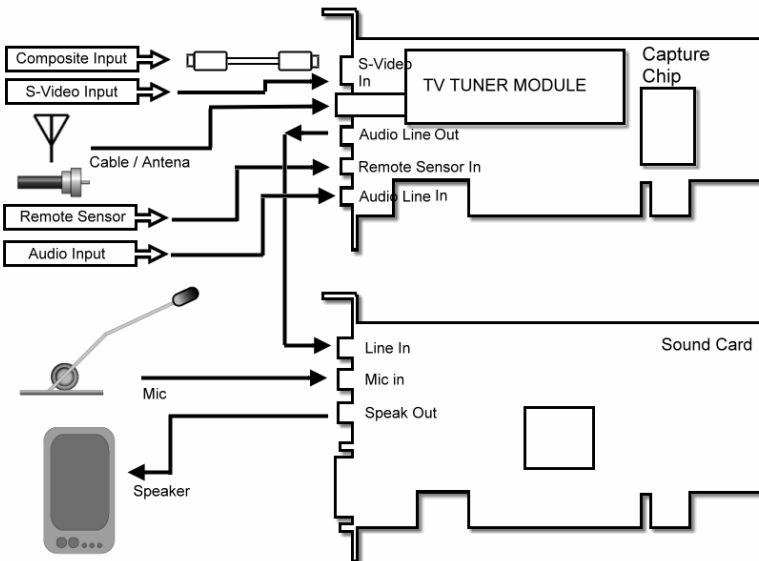
2.4.3 For External video sources such as VCR, VCD/DVD player, or camcorder

- ✍ Connector of the AV cable / S-Video for Video equipments.
- ✍ Connection between the audio output of card and the "Line in" of your sound card.
- ✍ Connection between the "Speak out" or "Line out" connector of your sound card and the speaker.

VA2000 Series



VA1000 Series

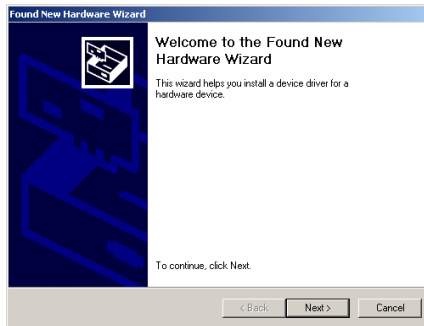


Chapter 3- Driver Installation (Windows 98 SE/2000/ME)

Prior to installation, it is highly recommended that all application programs should be disabled such as anti-virus software and system monitoring applications.

3.1 Driver Installation for Windows 98SE/2000/XP

Once your system is done booting, Windows will detect new hardware and started with the "Add New Hardware Wizard". Please Click "**Cancel**" to continue. All you have to do now is follow the steps described below one by one to finish the installation.

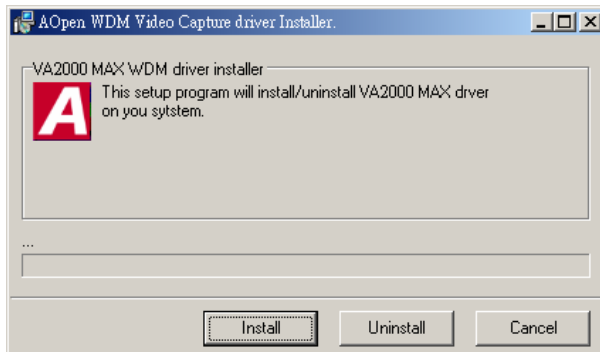


For the driver installation steps of VA2000 / VA1000 Series driver

1. Start Windows and insert the AOpen Installation CD disc into the CD-ROM drive.
2. The AOpen Installation Wizard will appear, please select **'Driver'** to continue.



3. Please Click **"Install"**, now start installing the driver.

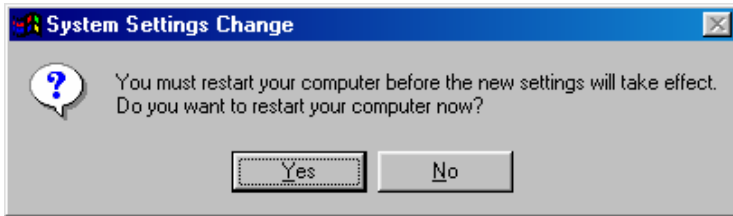


4. Then the on-going dialog box shows that the Window has success installing the drivers for VA2000 / VA1000 SERIES. Click **"OK"** to end up driver installation.



- For Windows98 SE, must to restart your system. Please Click “Yes” to restart your computer.

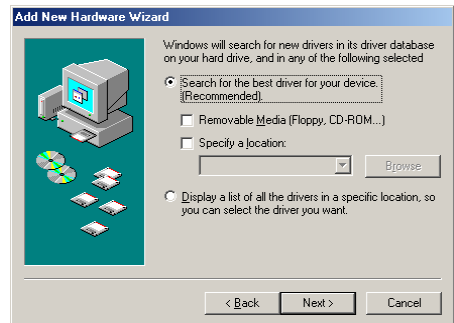
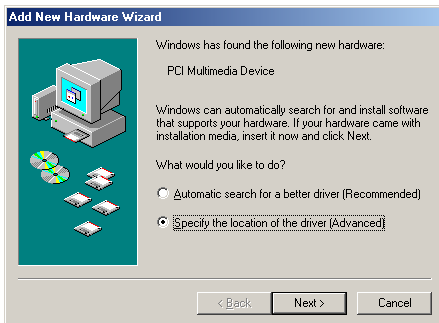
(Windows98SE)



3.2 Driver Installation for Windows Me

Once your system is done booting, Windows will detect new hardware and started with the “Add New Hardware Wizard”.

- Please select “Specify the location of the driver (Advanced)” and Click “Next” to continue.
- Please Deselect “Removable Mdeia” and “Specify a location” and Click “Next” to continue.



3. Click “**Finish**” to continue.



4. Please keep going install driver. The step the same as **Section 3.1** **Step 1**

3.2 Component Check-out

Go to | **Start** | **Setting** | **Control Panel** | **System** | and double click System icon.

Go to **Device Manager** to check out if the driver has been installed.

VA2000 Series

You can found “**AOpen VA2000 Video Encoder**” component in “Sound, video and game controllers”

VA1000 Series

Capture chipset is Philips SAA713x:

You can found “**AOpen VA1000**” and “**AOpen WDM TV Tuner**” component in “Sound, video and game controllers”

Capture chipset is Conexant CX23881:

You can found “**AOpen VA1000 Capture**”, “**AOpen VA1000 Crossbar**” and “**AOpen VA1000 TV Tuner**” component in “Sound, video and game controllers”

Chapter 4- OpenRemote

Introduction

Welcome to use AOpen OpenRemote. With this tool, you can easy for use remote controller to remote your application. You can define any button of remote controller to mapping keyboard button for any application. You are able to enjoy a convenient remote function.

4.1 Install OpenRemote

1. Start Windows and insert the AOpen Installation CD disc into CD-ROM drive.
2. Please click the **OpenRemote** to run the program.



4.2 Getting Started

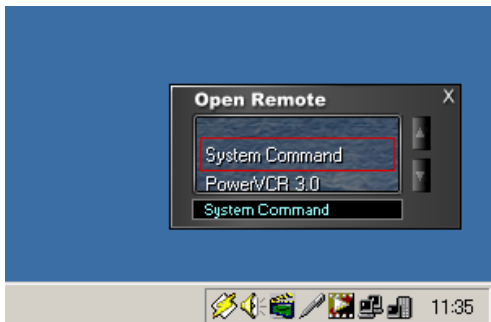
When you finished install OpenRemote, A tray icon will show in right-down corner.



Receive a remote controller button

4.3 How to use Open Remote

1. Press Function **UP/DOWN** button of remote controller to select an item what you want to remote. Or click Open Remote tray icon and click **UP/DOWN/ITEM** icon to select an item what you want to remote.
2. Select an item and Press **OK** button of remote controller. And press remote controller button to remote your AP.



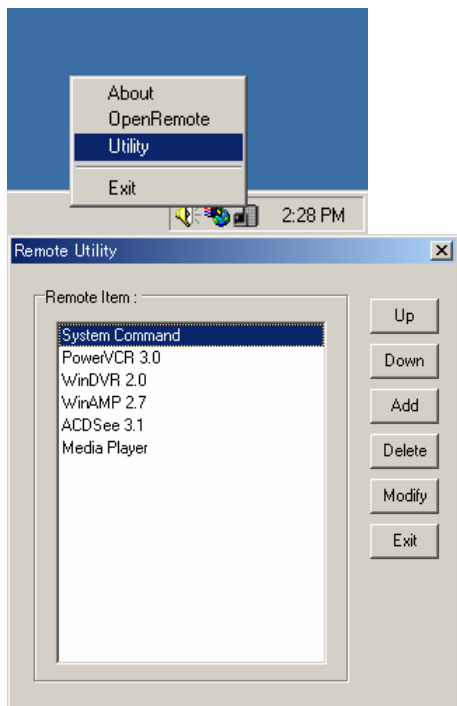
D. How to use Remote Utility

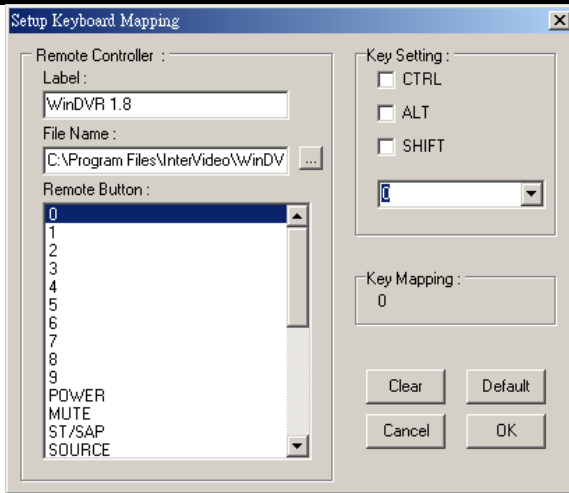
You can use Open Remote Utility to setting any remote controller button to mapping any AP.

Run Open Remote Utility.

[**Start-->Programs-->Open Remote-->Utility**] .

-  **Up/Down:** Move up/down remote item.
-  **Add:** Added a remote item.
-  **Delete:** Delete a remote item.
-  **Modify:** Modify selected remote item (Shown on as following.)
-  **Exit:** Exit Remote Utility





- ✍ **Label:** Description you want be remote AP.
- ✍ **File Name:** Specify an AP path for you want to be remote. Press **Power button** of remote controller will launch this AP.
- ✍ **Remote Button:** Define remote controller to mapping any key for your specify an AP .

Chapter 5- AOpen Driver Live Update

Live Update wizard is AOpen driver instant service. It can support:

- ✍ Auto detects TV tuner driver version.
- ✍ Auto link to AOpen driver FTP web service.
- ✍ Auto check AOpen web driver information.
- ✍ Auto downloads newer driver from AOpen web.

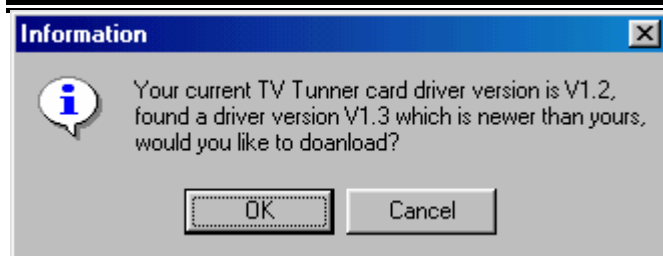
1. Start Windows and insert the AOpen Installation CD disc into CD-ROM drive.
2. Please click the AOpen Driver Live Update to run the program.



3. If your driver same with the latest version AOpen currently provide, then Live Update will info you.



4. If Live Update found any new driver exist. It will show information about your driver versions. And click OK to continue.



- Please select an FTP server to download it.



- During download process, the Live Update banner will share information about new AOpen products with you. You may click the banner to get more information.

