

SunVideo™ Plus 1.2 for PCI Installation



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Part No. 804-6189-11
March 1999, Revision A

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SunVideo Plus 1.2 for PCI Installation

This document describes how to install the SunVideo™ Plus hardware and software. The *SunVideo Plus 1.2 for PCI Installation Guide*, provided with this installation kit, is a multilingual document of the instructions described here.

The *SunVideo Plus Hardware AnswerBook* on-line documentation (SUNWsvpab) contains user documentation for your SunVideo Plus card. When the AnswerBook™ package is installed, you can view the documentation on the screen and print selected pages or sections.

System Requirements

You can install SunVideo Plus software on any SPARC™ system running the following Solaris™ operating environment: either Solaris 2.5.1 Hardware: 4/97, 8/97, and 11/97, Solaris 2.6 or Solaris 7.

Installing the SunVideo Plus Card

1. Install the SunVideo Plus card according to the installation procedures for PCI-bus cards provided with your SunTM system.
2. After installing the SunVideo Plus card and securing your system enclosure, boot your system by typing:

```
hostname# reboot -- -r
```

SunVideo Plus 1.2 Software Packages

Your SunVideo Plus 1.2 includes the following software packages that you need to install (Table 1):

Table 1 SunVideo Plus 1.2 Software Packages

Package Name	Description	Solaris Operating Environment
SUNW01kpd.u	Device driver	Solaris 2.5.1
SUNW01kpu	Runtime scripts	Hardware: 4/97, 8/97, 11/ 97, Solaris 2.6, and Solaris 7
SUNWsvpab	SunVideo Plus AnswerBook	
SUNWvtsvp	Validation Test Suite for SunVideo Plus	
SUNW01kpx	XIL1.2 Runtime pipeline for SunVideo Plus	Solaris 2.5.1 (only)
SUNW01kpx	XIL1.3 Runtime pipeline for SunVideo Plus	Solaris 2.6 and Solaris 7 (only)

Once installed, the SunVideo Plus software resides in `/opt/SUNW01kp`. The XIL Runtime pipeline software resides in `/usr/openwin`.

Removing Previous Software Releases

You must remove any previous releases of the SunVideo Plus software before installing any new software packages.

1. **Log in as superuser.**
2. **Uninstall the SunVideo Plus 1.0 or SunVideo Plus 1.1 software packages.**
 - Remove SunVideo Plus 1.0 by typing:

```
hostname# /usr/sbin/pkgrm SUNWolkpd SUNWolkpu SUNWvtsvp  
SUNWsvpab
```

- Remove SunVideo Plus 1.1 by typing

```
hostname# /usr/sbin/pkgrm SUNWolkpd SUNWolkpu SUNWvtsvp  
SUNWsvpab SUNWolkpx
```

Installing the SunVideo Plus 1.2 Software

The SunVideo Plus 1.2 software is provided on the CD included with your SunVideo Plus 1.2 installation kit.

1. Become superuser (root).

2. Insert the SunVideo Plus 1.2 CD into the CD-ROM drive connected to your system.

- If your system is running Volume Manager, it automatically mounts the CD-ROM to the `/cdrom/sunvideo_plus_1_2` directory.
- If your system is not running Volume Manager, mount the CD-ROM as follows:

```
hostname# mkdir -p /cdrom/sunvideo_plus_1_2
hostname# mount -F hsfs -r /dev/dsk/c0t6d0s2
/cdrom/sunvideo_plus_1_2
```

3. Install the SunVideo Plus 1.2 software using `swmtool`:

- For Solaris 2.5.1 Hardware: 4/97, 8/97 and 11/97 operating environment, type:

```
hostname# /usr/sbin/swmtool -d
/cdrom/sunvideo_plus_1_2/Sol_2.5.1
```

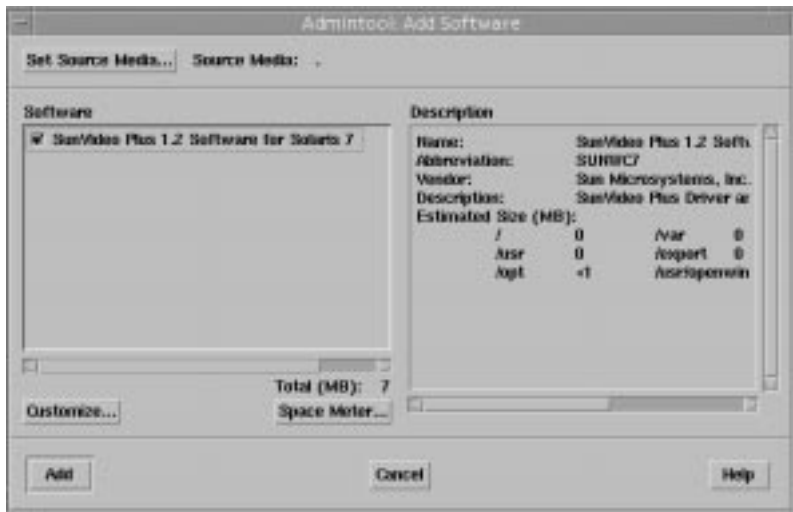

- For Solaris 2.6 operating environment, type:

```
hostname# /usr/sbin/swmtool -d  
/cdrom/sunvideo_plus_1_2/Sol_2.6
```

- For Solaris 7 operating environment, type:

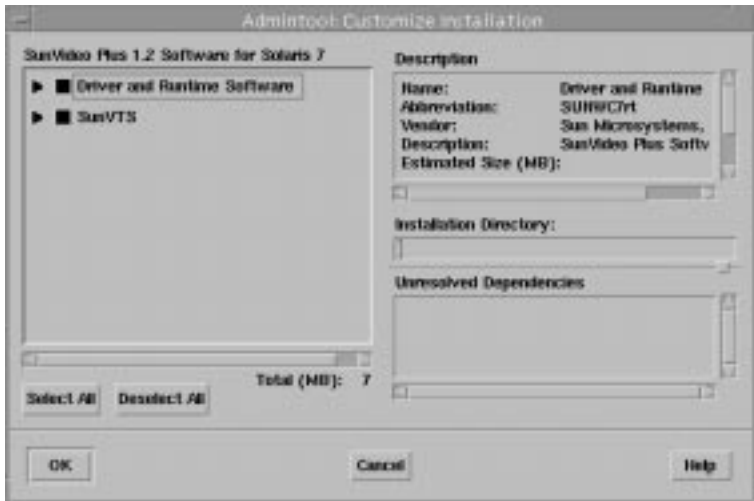
```
hostname# /usr/sbin/swmtool -d  
/cdrom/sunvideo_plus_1_2/Sol_7
```

The Add Software window is displayed (this example shows a user in the Solaris 7 operating environment):



4. Select SunVideo Plus 1.2 software.

5. **Click Customize... to choose the software options. The following window is displayed:**
(This example shows a user in the Solaris 7 operating environment.)



6. **Click Select All to install SunVideo Plus driver runtime and Sun Validation Test Suite.**
7. **Click OK. The Add Software window is again displayed.**

8. Click Add on the Add Software window, and answer *y* (yes) to all questions.

9. Run `pkgadd` to install SunVideo Plus 1.2 packages.

- To install the software for Solaris 2.5.1 Hardware: 4/97, 8/97 and 11/97 operating environment, enter the following:

```
hostname# cd /cdrom/sunvideo_plus_1_2/Sol_2.5.1
hostname# /usr/sbin/pkgadd -d . SUNWolkpd.u SUNWolkpu
SUNWsvpab SUNWvtsvp SUNWolkpx
```

- To install the software for Solaris 2.6 operating environment, enter the following:

```
hostname# cd /cdrom/sunvideo_plus_1_2/Sol_2.6
hostname# /usr/sbin/pkgadd -d . SUNWolkpd.u SUNWolkpx
SUNWolkpu SUNWsvpab SUNWvtsvp
```

- To install the software for Solaris 7 operating environment, enter the following:

```
hostname# cd /cdrom/sunvideo_plus_1_2/Sol_7
hostname# /usr/sbin/pkgadd -d . SUNWolkpd.u SUNWolkpx
SUNWolkpu SUNWsvpab SUNWvtsvp
```

10. After the software has been installed, unmount and eject the CD-ROM:

```
hostname# cd /  
hostname# umount /cdrom/sunvideo_plus_1_2  
hostname# eject cdrom
```

11. Reboot your workstation:

```
hostname# reboot -- -r
```

This enables the operating system to recognize the SunVideo Plus card.

