# SunVideo™ Plus 1.3 Installation

THE NETWORK IS THE COMPUTER™

**Sun Microsystems, Inc.**
901 San Antonio Road
Palo Alto, CA 94303-4900 USA
650 960-1300 Fax 650 969-9131

Part No. 804-6949-10
October 1999, Revision A

Send comments about this document to: `docfeedback@sun.com`

Copyright 1999 Sun Microsystems, Inc. All rights reserved.

This product or document is protected by copyright and distributed under licenses restricting its use, copying, distribution, and decompilation. No part of this product or document may be reproduced in any form by any means without prior written authorization of Sun and its licensors, if any. Third-party software, including font technology, is copyrighted and licensed from Sun suppliers.

Parts of the product may be derived from Berkeley BSD systems, licensed from the University of California. UNIX is a registered trademark in the U.S. and other countries, exclusively licensed through X/Open Company, Ltd.

Sun, Sun Microsystems, the Sun logo, AnswerBook, SunVideo, and Solaris are trademarks, registered trademarks, or service marks of Sun Microsystems, Inc. in the U.S. and other countries. All SPARC trademarks are used under license and are trademarks or registered trademarks of SPARC International, Inc. in the U.S. and other countries. Products bearing SPARC trademarks are based upon an architecture developed by Sun Microsystems, Inc.

The OPEN LOOK and Sun™ Graphical User Interface was developed by Sun Microsystems, Inc. for its users and licensees. Sun acknowledges the pioneering efforts of Xerox in researching and developing the concept of visual or graphical user interfaces for the computer industry. Sun holds a non-exclusive license from Xerox to the Xerox Graphical User Interface, which license also covers Sun's licensees who implement OPEN LOOK GUIs and otherwise comply with Sun's written license agreements.

**RESTRICTED RIGHTS**: Use, duplication, or disclosure by the U.S. Government is subject to restrictions of FAR 52.227-14(g)(2)(6/87) and FAR 52.227-19(6/87), or DFAR 252.227-7015(b)(6/95) and DFAR 227.7202-3(a).

DOCUMENTATION IS PROVIDED "AS IS" AND ALL EXPRESS OR IMPLIED CONDITIONS, REPRESENTATIONS AND WARRANTIES, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE OR NON-INFRINGEMENT, ARE DISCLAIMED, EXCEPT TO THE EXTENT THAT SUCH DISCLAIMERS ARE HELD TO BE LEGALLY INVALID

Copyright 1999 Sun Microsystems, Inc. Tous droits réservés.

Ce produit ou document est protégé par un copyright et distribué avec des licences qui en restreignent l'utilisation, la copie, la distribution, et la décompilation. Aucune partie de ce produit ou document ne peut être reproduite sous aucune forme, par quelque moyen que ce soit, sans l'autorisation préalable et écrite de Sun et de ses bailleurs de licence, s'il y en a. Le logiciel détenu par des tiers, et qui comprend la technologie relative aux polices de caractères, est protégé par un copyright et licencié par des fournisseurs de Sun.

Des parties de ce produit pourront être dérivées des systèmes Berkeley BSD licenciés par l'Université de Californie. UNIX est une marque déposée aux Etats-Unis et dans d'autres pays et licenciée exclusivement par X / Open Company, Ltd.

Sun, Sun Microsystems, le logo Sun, AnswerBook, SunVideo, et Solaris sont des marques de fabrique ou des marques déposées, ou marques de service, de Sun Microsystems, Inc. aux Etats-Unis et dans d'autres pays. Toutes les marques SPARC sont utilisées sous licence et sont des marques de fabrique ou des marques déposées de SPARC International, Inc. aux Etats-Unis et dans d'autres pays. Les produits portant les marques SPARC sont basés sur une architecture développée par Sun Microsystems, Inc.

L'interface d'utilisation graphique OPEN LOOK et Sun™ a été développée par Sun Microsystems, Inc. pour ses utilisateurs et licenciés. Sun reconnaît les efforts de pionniers de Xerox pour la recherche et le développement du concept des interfaces d'utilisation visuelle ou graphique pour l'industrie de l'informatique. Sun détient une licence non exclusive de Xerox sur l'interface d'utilisation graphique Xerox, cette licence couvrant également les licenciés de Sun qui mettent en place l'interface d'utilisation graphique OPEN LOOK et qui en outre se conforment aux licences écrites de Sun.

CETTE PUBLICATION EST FOURNIE "EN L'ETAT" ET AUCUNE GARANTIE, EXPRESSE OU IMPLICITE, N'EST ACCORDEE, Y COMPRIS DES GARANTIES CONCERNANT LA VALEUR MARCHANDE, L'APTITUDE DE LA PUBLICATION A REPONDRE A UNE UTILISATION PARTICULIERE, OU LE FAIT QU'ELLE NE SOIT PAS CONTREFAISANTE DE PRODUIT DE TIERS. CE DENI DE GARANTIE NE S'APPLIQUERAIT PAS, DANS LA MESURE OU IL SERAIT TENU JURIDIQUEMENT NUL ET NON AVENU.

# SunVideo Plus 1.3 Installation

---

This document describes how to install the SunVideo™ Plus hardware and software. The *SunVideo Plus 1.3 Installation Guide*, provided with this installation kit, is a multilingual document of the instructions described here.

## Installation Kit

The SunVideo Plus 1.3 Installation Kit includes:

- SunVideo Plus 1.3 card
- SunVideo Plus 1.3 software (CD)
- Antistatic wriststrap
- *SunVideo Plus 1.3 Installation Guide*

## System Requirements

You can install SunVideo Plus software on any SPARC™ system running Solaris™ 2.5.1, Solaris 2.6, or Solaris 7 operating environments.

# Installing the SunVideo Plus Card

1. **Install the SunVideo Plus card according to the installation procedures for PCI-bus cards provided with your Sun™ system.**

2. **After installing the SunVideo Plus card and securing your system enclosure, boot your system by typing:**

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

# SunVideo Plus 1.3 Software Contents

| Contents | Description | Solaris Software Support |
|---|---|---|
| Docs/ | Translated User's Guide | Common to each Solaris release |
| C/ | English | |
| de/ | German | |
| es/ | Spanish | |
| fr/ | French | |
| it/ | Italian | |
| ja/ | Japanese | |
| ko/ | Korean | |
| sv/ | Swedish | |
| zh/ | Simplified Chinese | |
| zh_TW.BIG5 | Traditional Chinese (BIG5) | |
| Common/ | | All packages under the Common/ directory support the Solaris 2.5.1, Solaris 2.6, and Solaris 7 operating environments. |
| Packages/ | | |
| SUNWo1kpdu | Runtime libraries | |
| SUNWopi | OPI device support | |
| SUNWopi1k | OPI-1x00 runtime libraries | |
| SUNWsvpab | AnswerBook™ | |
| SUNWvtsvp | SunVTS™ test | |

| Contents | Description | Solaris Software Support |
|---|---|---|
| `Solaris_2.5.1/ Packages/ SUNWo1kpd.u` | Device driver | Solaris 2.5.1 Hardware: 4/97, 8/97, and 11/97 operating environment |
| `SUNWo1kpx` | XIL1.2 Runtime | |
| `Solaris_2.6/ Packages/ SUNWo1kpd.u` | Device driver | Solaris 2.6 and Hardware: 3/98 and 5/98 operating environment |
| `SUNWo1kpx` | XIL1.3 Runtime | |
| `Solaris_7/ Packages/ SUNWo1kpd.u` | Device driver | Solaris 7 and Hardware: 3/99, 5/99, 8/99, 11/99 operating environment |
| `SUNWo1kpx` | XIL1.3 Runtime | |

Once installed, the SunVideo Plus 1.3 software resides in `/etc/opt/SUNWo1kp`, `/opt/SUNWo1kp`, and `/opt/SUNWopi`. 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 previous SunVideo Plus software packages.**

---

**Note –** SUNWo1kpu and SUNWo1kpd are core packages; hence, be sure that these packages are removed *last* by the pkgrm command (as shown below).

---

- Remove SunVideo Plus 1.0 by typing:

```
hostname# /usr/sbin/pkgrm SUNWvtsvp SUNWsvpab SUNWo1kpu
SUNWo1kpd
```

- Remove SunVideo Plus 1.1 or 1.2 by typing:

```
hostname# /usr/sbin/pkgrm SUNWvtsvp SUNWsvpab SUNWo1kpx
SUNWo1kpu SUNWo1kpd
```

# Installing the SunVideo Plus 1.3 Software

The SunVideo Plus 1.3 software is provided on the CD included with your SunVideo Plus installation kit.

1. **Log in as superuser (root).**
2. **Insert the SunVideo Plus 1.3 CD into the CD-ROM drive connected to your system.**

- If your system is running Volume Manager, it should automatically mount the CD-ROM to the `/cdrom/sunvideo_plus_1_3` directory.
- If your system is not running Volume Manager, mount the CD-ROM as follows:

```
hostname# mkdir -p /cdrom/sunvideo_plus_1_3
hostname# mount -F hsfs -r /dev/dsk/c0t6d0s2
/cdrom/sunvideo_plus_1_3
```

3. **Install the SunVideo Plus 1.3 software using the** `pkgadd` **command:**

   a. **Install the base software packages for the Solaris 2.5.1, Solaris 2.6, and Solaris 7 operating environments:**

```
hostname# cd /cdrom/sunvideo_plus_1_3/Common/Packages
hostname# /usr/sbin/pkgadd -d .
```

   Choose `all` to install the base packages.

   b. **Proceed to install specific Solaris release software packages.**

- To install the Solaris 2.5.1 Hardware: 4/97, 8/97, and 11/97 operating environment, type:

```
hostname# cd /cdrom/sunvideo_plus_1_3/Solaris_2.5.1/
Packages
hostname# /usr/sbin/pkgadd -d .
```

Choose `all`.

- To install the Solaris 2.6 operating environment, type:

```
hostname# cd /cdrom/sunvideo_plus_1_3/Solaris_2.6/
Packages
hostname# /usr/sbin/pkgadd -d .
```

Choose `all`.

- To install the Solaris 7 operating environment, type:

```
hostname# cd /cdrom/sunvideo_plus_1_3/Solaris_7/
Packages
hostname# /usr/sbin/pkgadd -d .
```

Choose `all`.

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

```
hostname# cd /
hostname# umount /cdrom/sunvideo_plus_1_3
hostname# eject cdrom
```

5. **Reboot your workstation:**

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

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

# Accessing User Documentation

To access the *SunVideo Plus 1.3 User's Guide*, including translated versions:

- **Go to** `http://www.sun.com/desktop/products/Graphics/SunVideoPlus_Download.html` **and download the appropriate document.**