

**SONY®**

# ***Video Camera Control Software***

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## **Operating Instructions**

This manual explains topics necessary in order to use the video camera control software.

***EVIS-D30PE***

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This software can not be used with any equipment other than that specified.

Specifications of this software are subject to change without notice.

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# Contents

Introduction	4
System Requirements	5
Connecting the Camera to the Personal Computer	6
Installing the Software	7
Starting the Software	8
Troubleshooting	9

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# Introduction

The EVI Series Video Camera Control Software EVIS-D30PE software makes it possible to control the Color Video Camera EVI-D30 from a personal computer and to capture images from the camera. Using this software, camera and pan/tilt control can be exercised from the personal computer in the same manner as from the remote commander. It can also be used for the following:

- Controlling the camera and pan/tilt through a graphic user interface screen when the EVI-D30 and personal computer are connected through the RS-232C interface.
- Displaying the pan/tilt area as a panorama screen, and controlling pan/tilt from that screen.
- Displaying the camera image on the personal computer screen and capturing images from the camera.

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# System Requirements

## Note

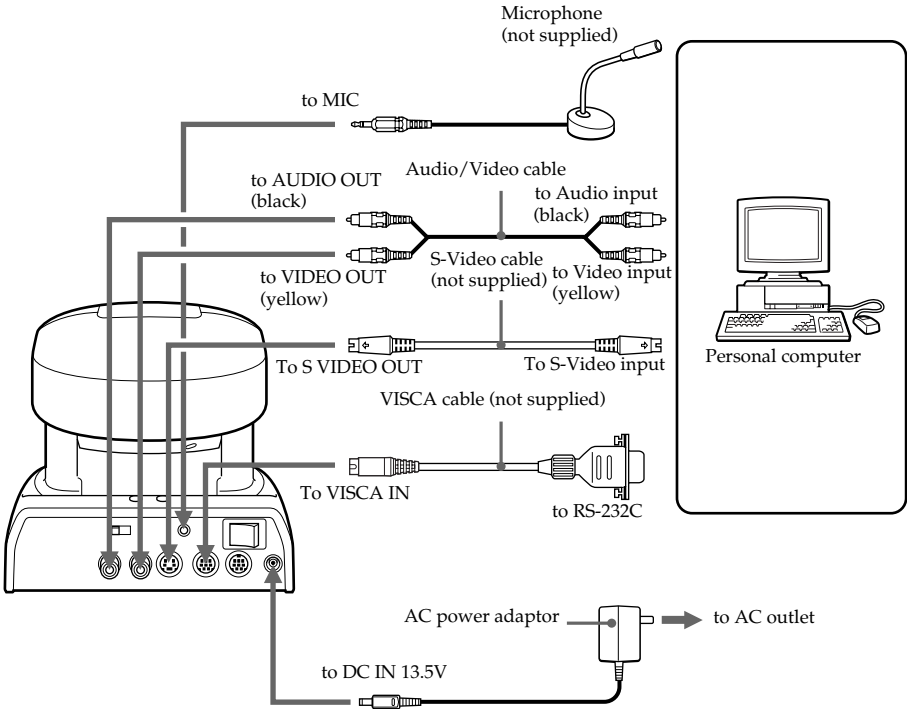
See the various device manuals for instructions on serial port configuration and installation and configuration of the video capture function.

You will need a personal computer meeting the following minimum requirements.

- A PC/AT compatible computer with Microsoft Windows®95 installed and ready to operate
- A PC/AT compatible computer equipped with video capture function and at least SVGA display resolution
- A video capture function meeting the following requirements
  - 320 x 240 size
  - AVI or DIB (RGB 24-bit) file format
  - Overlay display (recommended)

# Connecting the Camera to the Personal Computer

Before configuring this software, make sure that the camera is connected to the personal computer.



See the instruction manuals provided with the various devices for how to connect those devices.

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# Installing the Software

This section explains how to install the software on your personal computer, as well as how to uninstall (delete) the software.

## Installing the software

- 1** Open the Windows Explorer and double-click on the install file (EVIS-D30PE.exe).

When the message "This program installs EVIS-D30PE. Continue?" appears, click on "Yes."

- 2** Install the software by following the instructions as they are displayed on the screen.

## Uninstalling the software

- 1** Click the Start button, then point to "Settings" and select "Control Panel."

- 2** In the control panel, double-click "Add/Remove Programs."

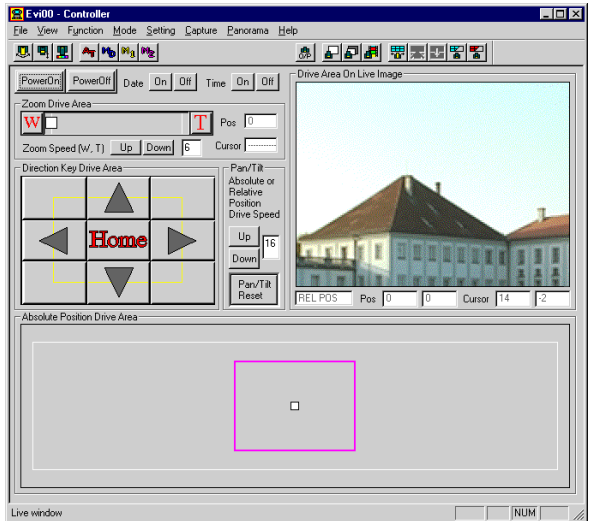
- 3** Click "Add/Remove" in the "Add/Remove Programs Properties" dialog box, then click "Sony EVIS-D30PE" in the list of software and click the "OK" button.

- 4** Uninstall the software by following the instructions as they are displayed on the screen.

# Starting the Software

Click the Start button, point to “Programs,” then point to “Sony EVI Controller” or the program folder in which EVIS-D30PE was installed and select “EVIS-D30PE.”

EVIS-D30PE starts up and the following screen appears.



See the Help file for how to use the software. To display the Help file, click “Help Topics” in the Help menu.



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# Troubleshooting

Symptom	Cause/Remedy
EVIS-D30PE will not restart after failure to create a panorama image.	The panorama image folder contains corrupted panorama image data. → Delete files from the EviTmp folder inside the folder in which EVIS-D30PE was installed, then restart the computer and start up EVIS-D30PE.
The EVIS-D30PE application window title changes while creating or switching panorama images.	This does not affect operation.
Unable to minimize the EVIS-D30PE application window during creation of a panorama image.	This action is not allowed under EVIS-D30PE.
Panorama images do not display properly.	Select High Color (16 bit) or higher as the color palette in the Windows Display properties.
EVIS-D30PE does not operate properly.	Image display can only be configured for a size of 320 x 240 pixels. EVIS-D30PE will not operate properly with other settings.
Panorama images cannot be properly created.	With some video capture boards, panorama images only be properly created with RGB 24-bit color.
The camera image does not appear in the Image Display Area.	The camera image will not appear in the Image Display Area if the video capture board is being used by an application other than EVIS-D30PE. → Terminate any other application using the video capture board, then start EVIS-D30PE.
With nearby subjects, level differences resulting from camera parallax may be visible at the joints in panorama images. Such differences may also be visible with distant subjects.	This does not affect operation.
EVIS-D30PE is very slow in starting up.	With some capture boards, up to 30 seconds may be required to start up EVIS-D30PE in the preview mode.

<b>Symptom</b>	<b>Cause/Remedy</b>
White balance cannot be optimized while creating panorama images.	<p>White balance optimization may not be possible if panorama images are created with the “Lock Exposure, White Balance, Focus before creation” check box checked during Panorama image creation.</p> <p>→ Point the camera at the subject for which you are creating the panorama image, then set “White Balance, Exposure Control” in the one-push mode, click the “Trigger” button, turn on the “Lock Exposure, White Balance, Focus before creation” check box and create the panorama image.</p>
Cannot play back a captured file, or image is blurred while playing back a captured file.	<p>The video capture board driver may not be properly configured.</p> <p>→ Check whether the image has been properly captured or if the captured AVI file can be played back using the applications provided with the video capture board or Windows. If not, refer to the instructions provided with the video capture board and reconfigure it so that captured files can be played back properly.</p>
When using relative position drive, the point clicked with the mouse does not appear in the center of the Image Display Area.	<p>The camera’s image display position is not aligned in the Image Display Area.</p> <p>→ Using the Setting menu or utility software provided with the video capture board, adjust the horizontal and vertical position and size of the image so that it is displayed at 320 x 240 in the Image Display Area.</p>