

Silicon Graphics® Octane® Personal Video Option

Features

- Value-add digital media option for all Silicon Graphics Octane visual workstations
- Ability to add compelling digital media content to your project or presentation
- Uncompressed analog video I/O
- Real-time graphics to video output
- Real-time screen capture

Communicating with Video

The Octane Personal Video option brings the power of video communication to your desktop. Video helps you communicate complex concepts effectively and efficiently by transforming your Silicon Graphics Octane system into a powerful collaboration machine. Share your vision through interactive communications applications such as videoconferencing, content-rich Web pages, and multimedia presentations.

Videoconferencing

The digital camera and SGI™ InPerson® videoconferencing software enable real-time collaboration spanning any geographical distance to accelerate the decision-making process. InPerson provides a real-time 2D and 3D whiteboard. Users collaborate with one another by placing text, sound, and video images directly onto the whiteboard for everyone to see or hear. InPerson supports any type of TCP/IP network, including 10Base-T and 100Base-TX Ethernet, FDDI, and ATM, and cross-platform communication through third-party software so no one is left out.

Capturing the Screen Display

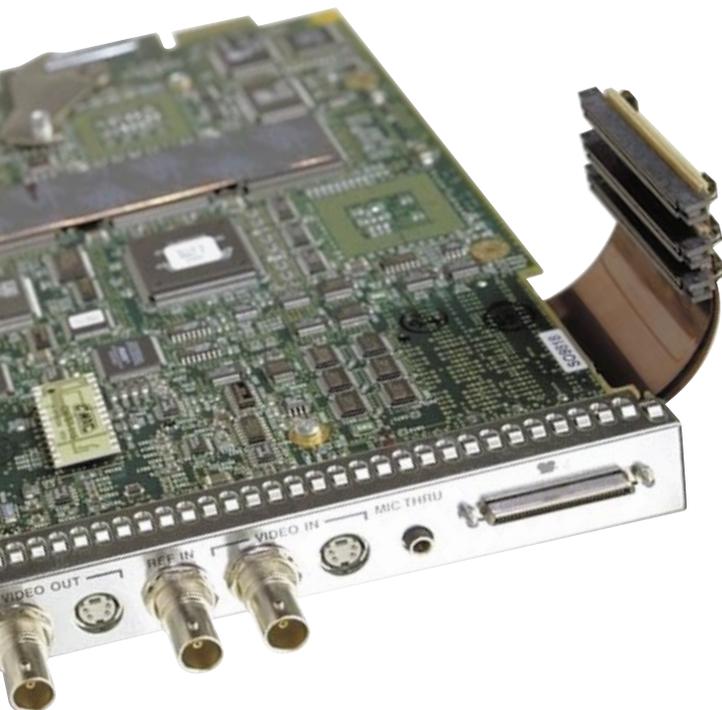
Octane Personal Video turns your application into a video source by allowing any portion of the screen to be recorded directly to disk. The screen capture capabilities allow you to demonstrate a design concept by creating a video image of a model interaction and storing the image to disk. The stored video image can be edited using the bundled editing tools and then published to a Web page using the OutBox personal Web server or output to videotape.

Web Authoring

With software-based video compression and the Web authoring software included with every Octane system, Octane Personal Video allows you to distribute video via the World Wide Web—turning your system into a cross-platform video playback server.

Professional-Quality Digital Media Tools

The digital media tools bundled with every Octane system allow you to develop compelling content for design reviews, presentations, and Web pages that incorporate video and audio as well as 3D graphics. Tools are available for capturing, editing, and publishing various audio, video, and image file formats. MediaRecorder is a universal capture tool for audio, video, screen, and camera data, and MediaPlayer allows you to view all types of time-based media. MediaPlayer supports SGI and QuickTime® movies and can be used as a stand-alone player or with other media tools. MovieMaker allows you to edit, create special effects, and add titles or graphics to your movies. SoundTrack supports MovieMaker to allow multitrack audio editing.



Octane Personal Video Option Technical Specifications

<p>System Compatibility Octane Personal Video is a single-slot XIO cardboard compatible with all Octane systems with SI, SSI, MXI, SE, SSE, and MXE graphics.</p>	<p>Adjustments • Hue H-Phase, contrast, brightness</p>										
<p>Input Connectors • 1 S-Video • 1 composite BNC [75 ohm terminated, unbalanced] • 1 composite locking reference BNC [75 ohm terminated] • 1 Silicon Graphics digital video[®] 68-pin D-type</p>	<p>Genlock • Genlock to video in, external or internal reference</p> <p>Regulatory Requirements • FCC Class A</p>										
<p>Output Connectors • 1 S-Video • 1 composite BNC [75 ohm terminated, single-channel video out only] • 1 audio 3.5 mm jack • 1 Silicon Graphics digital video[®] 68-pin D-type</p>	<p>Octane Personal Video Bundled Hardware • O2 digital camera</p> <p>Octane Bundled Software • Collaboration • Web tools • Presentation • Digital media tools</p> <p>InPerson Netscape Navigator[®], Cosmo Player, OutBox, WebMagic Pro, Adobe Acrobat Reader[™] Showcase[™] SoundTrack, MovieMaker, ImageWorks, MediaPlayer, MediaRecorder, CD/DATPlayer, MediaConvert</p>										
<p>Standards • 525/60 NTSC or 625/50 PAL software selectable</p>	<p>Marketing Code • D9-OCT-PERSONAL</p>										
<p>Real-Time Features • Video scaling 1280x1024 graphics to NTSC or PAL at variable scaling rates • Color space conversion • Graphics screen capture • Graphics to video output</p>	<p>Other Optional Digital Media Products • Silicon Graphics Octane Digital Video option • Silicon Graphics Octane Compression option • SGI[™] Digital Audio option</p>										
<p>Resolutions and Sampling • 525/60 NTSC 13.5 MHz pixel rate • 625/50 PAL 13.5 MHz pixel rate • 4:2:2 YUV 8 bits/component with third-party adapter[®]</p>	<p>[®]The Silicon Graphics digital video port accepts the input from the bundled Silicon Graphics O2 digital camera. The Silicon Graphics digital video port can be converted to CCIR 601 via a third-party adapter. The Silicon Graphics digital video connector provides either input or output data flow.</p>										
<p>Output Characteristics</p> <table border="0"> <tr> <td>• Levels</td> <td>NTSC composite 714 mV [white reference]; PAL composite 700 mV [white reference]</td> </tr> <tr> <td>• Frequency response</td> <td>4.5 MHz [-0.5 dBa]; 5.5 MHz [-3.0 dBa]</td> </tr> <tr> <td>• Color-weighted S/N</td> <td>48 dBa</td> </tr> <tr> <td>• Differential phase</td> <td><2.5%</td> </tr> <tr> <td>• Differential gain</td> <td><2°</td> </tr> </table>	• Levels	NTSC composite 714 mV [white reference]; PAL composite 700 mV [white reference]	• Frequency response	4.5 MHz [-0.5 dBa]; 5.5 MHz [-3.0 dBa]	• Color-weighted S/N	48 dBa	• Differential phase	<2.5%	• Differential gain	<2°	
• Levels	NTSC composite 714 mV [white reference]; PAL composite 700 mV [white reference]										
• Frequency response	4.5 MHz [-0.5 dBa]; 5.5 MHz [-3.0 dBa]										
• Color-weighted S/N	48 dBa										
• Differential phase	<2.5%										
• Differential gain	<2°										



Corporate Office
1600 Amphitheatre Pkwy.
Mountain View, CA 94043
[650] 960-1980
www.sgi.com

North America [1800] 800-7441
Latin America [1650] 933-4637
Europe [44] 118.925.75.00
Japan [81] 3.5488.1811
Asia Pacific [65] 771.0290