

## Make Your Videos Like a Pro

It's "hands on" demonstration and you don't need to be a computer geek to do your own quality video recording of your shows. It's a digital world and in our workshop we will try to make sense of all those gadgets and learn what to look for in video cameras, software for editing and how to burn them to a DVD.

New video standards:

digital, hdtv, enhanced tv, miniDV, DigiBeta, Compression, MPEG

New video cameras and formats:

tape based, DVD based, chip based, 4:3 or 16:9

What does it mean and what is the best for us?

Selecting your camera

Shooting (video taping) your show

Editing the tape:

Software for editing: Pinnacle, Premiere, Avid, Final Cut Pro

Transferring your project to tape or a DVD

## Recommended Camera Features

1.0 Megapixel (Gross) Advanced HAD™ CCD Imager

1/5.5" Advanced HAD™ (Hole Accumulation Diode) CCD with 690K (effective) pixels provides stunning detail and clarity with exceptional video (**up to 520 lines of horizontal resolution**) and still image performance. The Megapixel technology enhances your digital videos and digital still photography performance.

12X Optical/480X Digital Zoom (**Digital Zoom is mostly useless.**)

The optical zoom helps to bring the action close up from far away. In addition the Digital Zoom Interpolation means that extreme digital zooming is clearer, with less distortion than previous types of digital zooms.

### Analog To Digital Conversion with Pass-Through

Convert and/or record any analog NTSC video source to digital video via the analog inputs. Analog NTSC video can also be passed through the digital Handycam Camcorder directly into a PC via the i.LINK interface in real-time for easy PC editing of your analog footage.

This is a handy feature if you have VHS tapes that you would like to convert to digital

### Super SteadyShot® Picture Stabilization System

Picture stabilization system that uses motion sensors to detect and compensate for camera "shake" without compromising picture quality like some other digital stabilization systems.

These are really nice features to have:

2.7" wide **Touch Panel SwivelScreen™** LCD Display<sup>1</sup> (123K Pixels)

Provides excellent viewing clarity for both 4:3 and 16:9 aspect with improved resolution. The high resolution 123K pixel LCD screen rotates up to 270 degrees for multiple viewing angles providing sharp, detailed

images for monitoring or playback.

### **i.LINK<sup>2</sup> DV Interface**

A digital high-speed bi-directional interface which provides Audio/Video communication between two compatible devices. This connection allows for pure digital transfer between devices equipped with an **IEEE1394 interface**, such as camcorders, digital VTRs, capture cards and PCs.

Also known as Firewire ... any newer computer has one.

### Digital Still Memory Mode with Memory Stick Duo<sup>TM</sup> Media

Capture still images at 1152x864 resolution, directly onto Memory Stick Duo<sup>TM</sup> Media for easy transfer to PCs for emailing, printing or sharing with other compatible Memory Stick<sup>TM</sup> devices<sup>4</sup>.

### Program AE (Auto Exposure) Modes

Program AE modes make recording easy even when filming in challenging situations. Choose from Portrait, Beach & Ski, Sports Lesson, Landscape, Spotlight or Sunset & Moon modes.

### Picture Effects

Get creative when recording or playing back your videos with Sony's Picture Effect Modes. Effects available in Camera mode: Negative Art, Sepia, Monotone, Solarize, Pastel and Mosaic. Effects available in Playback mode: Negative Art, Sepia, Monotone and Solarize.

Some may even have chroma (or color) key effect ...

## Recommended Computer Features

| <b><u>Gateway® 9310S</u></b>   | <b><u>Gateway® 9310X</u></b>  | <b><u>Gateway® 9310XL</u></b>   |
|--|---|---|
| <ul style="list-style-type: none"><li>Intel® Pentium® 4 Processor 630 with HT Technology (3 GHz, 800MHz FSB, 2MB L2 cache)<sup>3</sup></li></ul> | <ul style="list-style-type: none"><li>Intel® Pentium® 4 Processor 640 with HT Technology (3.20 GHz, 800MHz FSB, 2MB L2 cache)<sup>3</sup></li></ul> | <ul style="list-style-type: none"><li>Intel® Pentium® 4 Processor 640 with HT Technology (3.20 GHz, 800MHz FSB, 2MB L2 cache)<sup>3</sup></li></ul> |
| <ul style="list-style-type: none"><li>Microsoft® Windows® XP Home Edition with Service Pack 2<sup>2</sup></li></ul>                              | <ul style="list-style-type: none"><li>Microsoft® Windows® XP Home Edition with Service Pack 2<sup>2</sup></li></ul>                                 | <ul style="list-style-type: none"><li>Microsoft® Windows® XP Home Edition with Service Pack 2<sup>2</sup></li></ul>                                 |
| <ul style="list-style-type: none"><li>512MB 533MHz DDR2 SDRAM Dual Channel (2-256MB modules)</li></ul>   | <ul style="list-style-type: none"><li>512MB 533MHz DDR2 SDRAM Dual Channel (2-256MB modules)</li></ul>  | <ul style="list-style-type: none"><li>1GB (1024MB) 533MHz DDR2 SDRAM Dual Channel (2-512MB modules)</li></ul>                                       |
| <ul style="list-style-type: none"><li>120GB 7200RPM Serial ATA Hard Drive w/ 8MB Cache<sup>1</sup></li></ul>                                     | <ul style="list-style-type: none"><li>160GB 7200RPM Serial ATA Hard Drive w/ 8MB Cache</li></ul>  | <ul style="list-style-type: none"><li>500GB (2-250GB) 7200RPM Serial ATA Hard Drive w/ 8MB Cache</li></ul>  |
| <ul style="list-style-type: none"><li>FPD1760 17" Silver LCD Flat Panel Display (17" viewable)</li></ul>   | <ul style="list-style-type: none"><li>FPD1760 17" Silver LCD Flat Panel Display (17" viewable)</li></ul>  | <ul style="list-style-type: none"><li>FPD1760 17" Silver LCD Flat Panel Display (17" viewable)</li></ul>  |
| <ul style="list-style-type: none"><li>16x Double-Layer Multi-Format DVD Writer (DVD±R±RW/CD-R/RW)</li></ul>                                      | <ul style="list-style-type: none"><li>16x Double-Layer Multi-Format DVD Writer (DVD±R±RW/CD-R/RW)</li></ul>   | <ul style="list-style-type: none"><li>16x Double-Layer Multi-Format DVD±R±RW/CD-R/RW recorder and 16x DVD-ROM drive</li></ul>                       |
| <ul style="list-style-type: none"><li>NVIDIA GeForce 6200 with TurboCache supporting 128MB, VGA &amp; TV-Out</li></ul>                           | <ul style="list-style-type: none"><li>NVIDIA GeForce 6600G with 128MB, DVI, VGA &amp; TV-Out</li></ul>  | <ul style="list-style-type: none"><li>NVIDIA GeForce 6800 Ultra with 256MB DDR3 Dual DVI &amp; TV-Out</li></ul>                                     |
| <b>\$1099.99</b>   | <b>\$1299.99</b>  | <b>\$1999.99</b>  |