Capture on video EXACTLY what you see!

The SurgiCam Digital Camera System is the world’s first loupe mounted, completely digital video camera system. The SurgiCam is able to capture DVD-quality video directly via USB for digital recording onto a desktop or laptop computer. This patented technology offers a unique way to visually document clinical procedures in digital format, thus eliminating the need for additional specialized control units.

**USB “Plug & Play”**
Straight digital output

**Adaptability**
For use with or without loupes

**Advanced Miniaturization**
Small and lightweight*
*Lighter than four quarters (camera only)

**Advanced Miniaturization**
The SurgiCam Digital Camera System features advanced miniaturization and a combination of high-precision optical lenses with an integrated sensor technology that provides outstanding image quality and overall ease of use.

**USB Plug & Play Technology**
USB means easy set-up and on-the-fly activation, but most importantly for the practitioner, it means effective access to digital video and images with no data conversion, no delay, and no time-consuming tasks needed with complex video equipment.

www.surgitel.com
1 (800) 959-0153
**Imaging Software**

With the Digital Video Recording Software, it’s easy to create your own database.

- Preview – setup optimization
- Digital Video Recording – capture in AVI format
- Play – review the video sequences
- Manage – select video sequences
- Extract still images in JPEG format
- Insert into all types of electronic documents

Thanks to the hardware’s powerful compression capabilities, digital recording only requires 2.4 GB of hard disk space per hour. Store the information temporarily onto your hard disk; transfer it permanently onto a CD-ROM or DVD.

**Technical Specifications**

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Frame rate</td>
<td>30 fps</td>
</tr>
<tr>
<td>Resolution</td>
<td>640 x 480</td>
</tr>
<tr>
<td>Hardware compression</td>
<td>Up to 100:1</td>
</tr>
<tr>
<td>Illumination adjustment</td>
<td>Auto-gain control</td>
</tr>
<tr>
<td>Operating temperature</td>
<td>32-104 degrees f, 0-40 degrees C</td>
</tr>
</tbody>
</table>

**Minimum System Requirements**

Intel Pentium IV 1200MHz
1024 MB RAM
Hard Disk with 50 GB of available hard disk space
Windows XP operating system
USB 1.1 port
CD-ROM R/W

**Optical Lens Specifications**

<table>
<thead>
<tr>
<th>Optical Lens</th>
<th>Magnification</th>
<th>Field of View</th>
<th>Focal Distance*</th>
<th>Depth of field</th>
</tr>
</thead>
<tbody>
<tr>
<td>5.5 mm</td>
<td>1x</td>
<td>11.5&quot; x 8.7&quot;</td>
<td>10&quot;</td>
<td>+/- 14&quot;</td>
</tr>
<tr>
<td>11 mm</td>
<td>2x</td>
<td>5.5&quot; x 4.1&quot;</td>
<td>18&quot;</td>
<td>+/- 12&quot;</td>
</tr>
<tr>
<td>20 mm</td>
<td>3x</td>
<td>2&quot; x 1.5&quot;</td>
<td>16'/14'/12&quot;</td>
<td>+/- 5'/4.5'/3.5&quot;</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Optical Lens</th>
<th>Magnification</th>
<th>Field of View</th>
<th>Focal Distance*</th>
<th>Depth of field</th>
</tr>
</thead>
<tbody>
<tr>
<td>5.5 mm</td>
<td>1x</td>
<td>29 x 22 cm</td>
<td>45 cm</td>
<td>+/- 35 cm</td>
</tr>
<tr>
<td>11 mm</td>
<td>2x</td>
<td>14 x 10 cm</td>
<td>45 cm</td>
<td>+/- 30 cm</td>
</tr>
<tr>
<td>20 mm</td>
<td>3x</td>
<td>5 x 4 cm</td>
<td>41/36/30 cm</td>
<td>+/- 13/11/9 cm</td>
</tr>
</tbody>
</table>

*Focal length is customized to your working distance

**Safety Compliance**

FCC Part 15, Class B Compliant
CE Compliant

**Catalog Listing**

System Configurations:
25102-X-1 SurgiCam with Fiber Optic light (wide field light unit + 3mm or 4mm cable)
25102-X-2 SurgiCam with Fiber Optic light (high intensity light unit + 3mm or 4mm cable)
25102-X-3 SurgiCam with LED light (3W)
25102-X-0 SurgiCam without light system

X = Zoom Lens option
1: 5.5mm/1x  2: 11mm/2x  3: 20mm/3x

Can also purchase extra zoom lenses separately using Catalog #23898-X

Above system configurations include:
25105 USB extension cable (15 ft)
25106 CD-ROM of SurgiCam/ViziCapture software
25107 Accessory kit
25108 User’s manual
25109 Promotional/demo CD
23783 Carrying case

Optional Accessories:
25214 Computer & Light Source Stand
25178 Dual Foot Pedal Switch