Image and video capture now offered with the LithoVue™ System

Boston Scientific revolutionized the field of flexible ureteroscopy when we launched the LithoVue™ Single-Use Digital Flexible Ureteroscope. In that same spirit of innovation, Boston Scientific has partnered with TEAC, a leading manufacturer of surgical recording, to deliver an image and video capture option. Together, Boston Scientific and TEAC now offer an advanced solution to fit our customers’ unique visualization and recording needs. Discover how image and video capture integrates into your ureteroscopic procedures.

**Features**

- Intuitive; designed for ease of use
- Auto-sensing detects I/O and video resolution “automatically”
- Wide range of recording resolutions
  - 640 x 480 – 1920 x 1080 (30Hz/29.97Hz): Undiluted recording resolution
  - 1920 x 1200 (Resize to 1728 x 1080): Supported input resolution
- Multiple HD and SD inputs/outputs (SDI, DVI-D, S-Video and Composite)
- Simultaneous recording to multiple media (up to 2 External USB drives and 1 Internal HD)
- Networking (FTP and CIFS) RJ45 10/100/1000 Ethernet
- Remote control, foot-switch, card/barcode reader and keyboard (optional)
- Compliance with medical standards

**Designed for Your OR**

- **Fail-safe** recording feature with the internal hard drive for redundant data backup
- **S.M.A.R.T.** monitors/reports internal hard drive health (Self-Monitoring, Analysis and Reporting Technology)
- **Safe auto-shutdown** in case of power interruption
- **Fluid-resistant** front panel
Image and video capture

Specifications*

General
Recordable Devices
- USB flash drive
- USB hard drive
- Internal hard drive (500GB)
Display: 3.5 inch LCD
Power supply: AC 100V–240V, 50/60Hz
Operating temperature: 41 to 104°F (5 to 40°C)
Storage temperature: -4 to 140°F (-20 to 60°C)
Operating humidity: 5–80% (no condensation)
Dimensions (W x D x H): Approx. 8 1/4 x 9 1/4 x 3 3/8 in (210.5 x 235 x 88.5 mm)
Weight: Approx. 5.7 lbs. (2.6 kg)
Standards
- Safety: IEC60601-1, CSA60601-1, EN60601-1
- EMC: IEC60601-1-2, EN60601-1-2,
  ICES-003, FCC Class B
Category: FDA Class 1

Approximate Recording Times for a 500 GB Hard Drive

<table>
<thead>
<tr>
<th>Recording Format</th>
<th>High-Definition 1920 x 1080</th>
<th>Standard-Definition 720 x 480</th>
</tr>
</thead>
<tbody>
<tr>
<td>12Mbps</td>
<td>18Mbps</td>
<td>8Mbps</td>
</tr>
<tr>
<td>90 hours</td>
<td>60 hours</td>
<td>135 hours</td>
</tr>
<tr>
<td>24Mbps</td>
<td>180 hours</td>
<td>100 hours</td>
</tr>
<tr>
<td>45 hours</td>
<td>135 hours</td>
<td></td>
</tr>
</tbody>
</table>

Recording Format
Still image: JPEG
Video: MPEG-4 AVC/H.264

Input/Output
Input for Video
- SDI (BNC) x1: high-definition (50p/59.94p/60p)
- DVI (Single Link) x1: high-definition
- S-Video x1: NTSC, PAL
- Composite (BNC) x1: NTSC, PAL

Input for Audio
- SDI (BNC) x1: *SDI video input terminal use in common
- Stereo mini jack x2: LINE, MIC

Output for Video
- SDI (BNC) x1: high-definition
- DVI (Single Link) x1: high-definition
- S-Video x1: NTSC, PAL
- Composite (BNC) x1: NTSC, PAL
- SDI Thru x1

Output for Audio
- SDI (BNC) x1: *SDI video output terminal use in common
- Stereo mini jack x1: LINE

Other Interfaces
- RJ-45 (10BASE-T/100BASE-TX/1000BASE-T) x1
- USB2.0 Type A x3
  - 2 front connectors for recordable devices
  - 1 rear connector for optional accessories
- USB2.0 Type B x1
  - 1 rear connector for accessing the internal hard drive (on UR-4MD)
Stereo mini jack x3
  - For external trigger

* Features and specifications are subject to change without notice.

Ordering information for image and video capture for the LithoVue System

<table>
<thead>
<tr>
<th>Product Code</th>
<th>Description</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>M0067913900</td>
<td>TEAC UR-4MD</td>
<td>Single Unit</td>
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</tbody>
</table>

To order, contact your sales representative.


Caution: U.S. Federal law restricts these devices to sale by or on the order of a physician. Refer to package insert provided with these products for complete Indications for Use, Contraindications, Warnings, Precautions, Adverse Events, and Instructions prior to using these products.

CAUTION: The law restricts these devices to sale by or on the order of a physician. Indications, contraindications, warnings and instructions for use can be found in the product labelling supplied with each device. Information for use only in countries with applicable health authority registrations. Material not intended for use in France.

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