

# 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

### 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.*

### Approximate Recording Times for a 500 GB Hard Drive

High-Definition 1920 x 1080		
12Mbps	18Mbps	24Mbps
90 hours	60 hours	45 hours
Standard-Definition 720 x 480		
5Mbps	8Mbps	10Mbps
180 hours	135 hours	100 hours

### Back



### Ordering information for image and video capture for the LithoVue System

Product Code	Description	Quantity
M0067913900	TEAC UR-4MD	Single Unit

## To order, contact your sales representative.

All content from TEAC Medical Imaging Solutions. teacmv.jp/en. Last accessed July 19, 2017.

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.

Products shown for INFORMATION purposes only and may not be approved or for sale in certain countries. Please check availability with your local sales representative or customer service.

TEAC is a trademark of TEAC CORPORATION, registered in the U.S., Japan and other countries.

All other trademarks are the property of their respective owners.

All images are the property of Boston Scientific

**Boston Scientific**

Advancing science for life™

Boston Scientific Corporation  
300 Boston Scientific Way  
Marlborough, MA 01752  
www.bostonscientific.com

© 2017 by Boston Scientific Corporation or its affiliates. All rights reserved.

URO-485403-AA JUL 2017