

*Seeing is Believing...
Retaining and Learning*





Students are fascinated by digital image technology like the video games they play at home, but how often do they see it used in the classroom? There's a good chance that the static OHP transparencies used for presentations in your classroom aren't exciting your students anymore.

ELMO introduces the TT-02u/TT-02 Teacher's Tool, a presentation solution that enables you to bring the same exciting visual technology into your classroom presentations for the benefit of your students. Research shows that stimulating visual displays are easily grasped, retained and absorbed by students. Whether a scientifically based instructional program or math lesson, the TT-02u/TT-02 will gain the attention you need to achieve positive results.

*It's All About Sharing,
Comprehension and Student Retention*



TT-02u/TT-02
Teacher's Tool






What's Your District Doing About Achieving NCLB Compliance?



Scientifically proven in numerous educational white papers, improved student participation and retention are the keys to better scores on testing and NCLB reports. The lightweight and easily transportable ELMO TT-02u/TT-02 is offered at a budget-sensitive cost to fit any District's budget and is a great way to help start improving your students' test scores.



Create Dynamic Lessons with Ease



42.4X Zoom with Auto Focus

Optical Zoom **5.3X**

Digital Zoom **8.0X**



The 5.3X optical zoom captures crisp and detailed images. Get even closer in combination with the 8.0X digital zoom to enlarge minute features up to 42.4X. What's more, the Auto Focus function ensures that the details of objects on the TT-02u/TT-02's 11" x 17" shooting area remain sharp.



Simple Control Panel for Easy Operation



A logically designed control panel with simplified buttons and LEDs makes operation easy and intuitive.

Pilot lamp



11" x 17"

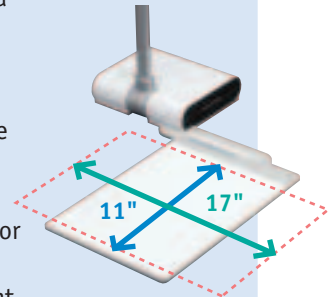
Removable Stage and Unique, Convenient Design

Versatile operation

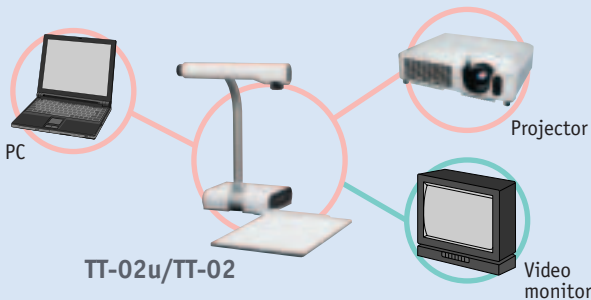


Note: Do not write directly on the stage.

Annotate easily with the stroke of a pen using the included Removable Stage. And the fact it's removable gives you several advantages. You can write on the paper on the stage from a comfortable position. The stage can also be placed out of the way when presenting large objects or visuals up to 11" x 17" ledger size. This optimal flexibility is a highlight of the TT-02u/TT-02's unique design.



Versatile Input/Output Connections

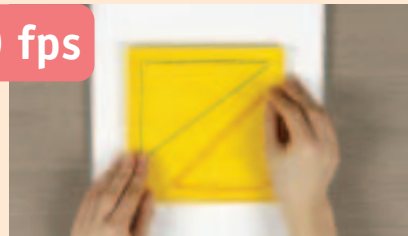


Easily switch to a PC image display or project images to any standard monitor or projector for greater presentation flexibility.



Capture Vivid Live Images

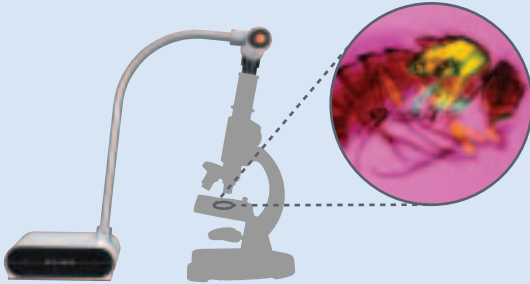
20 fps



With a frame rate of 20 fps, the TT-02u/TT-02 smoothly captures and displays moving objects in real-time, making hands-on lessons even easier to understand.



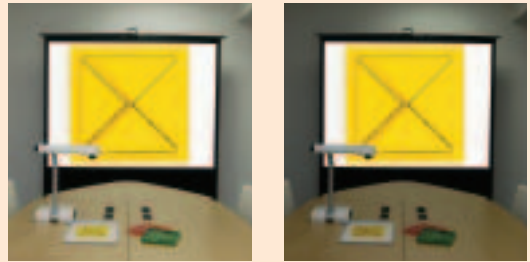
Microscope Viewing Mode



Capture microscope slides to easily display minuscule subject matter for science lessons.



Auto Brightness Control



The TT-02u/TT-02's camera automatically adjusts to changing levels of room brightness, ensuring easy-to-view presentations, even in darkened rooms.



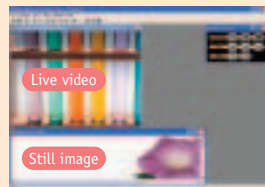
USB 2.0 PC Interface and Image Mate Software TT-02u only

The TT-02u is equipped with a USB port for easy image transfer to a PC. (A model with no USB port, the TT-02 is also available.)

With the convenience of the bundled Image Mate software, you can easily monitor, capture, edit and save any image on your PC.



Annotation



Split Screen function

- Monitor the image on a PC screen via USB 2.0 connection.
- Use your mouse for zoom, focus and iris control, then capture the image.
- Annotation tools let you draw lines (freehand or straight) or boxes in a variety of colors on the captured image.
- Split Screen gives you a platform for comparing live video to stored images — side by side for greater visual impact.



(in storage)

TT-02u/TT-02 Specifications

Model		TT-02u	TT-02	
Camera	Image pick-up device	1/3" progressive scan CCD, 850,000 pixels		
	Effective pixels	1,024 (H) x 768 (V)		
	Frame rate	20 frames/sec.		
	Resolution	600 (H) x 600 (V) TV lines		
Optics	Zoom	Powered (with double speed function), 5.3X optical		
	Lens	F2.0 to 4.4, f=4.0 to 21.2 mm		
	Shooting area	Max. 16 7/8" x 12 1/2" (426 x 317 mm) Min. 3 5/8" x 2 3/4" (93 x 70 mm) for 17-inch document		
	Focus	Auto/Manual (powered)		
	Auto brightness control	Auto/Manual (powered)		
Functions	White balance	Auto/Push set/Manual		
	Negative/positive conversion	Provided		
	Color/B&W selection	Provided		
	Gamma adjustment	Provided		
	Pause mode	Provided		
	Digital zoom	Provided (8X)		
	Image rotation	Provided (0°, 180°)		
	OSD (on-screen display)	Provided		
	Text mode	Provided		
	State presetting	Up to 4 user settings		
	Free-stop arm	Provided		
	Microscope viewing mode	Provided		
	Security slot	Provided (main unit, removable stage)		
	Input/output	Internal selection	Int./RGB	
Analog RGB output		XGA (1,024 x 768 @60 Hz)		
Video output		Composite		
RGB input		Provided		
USB port		Provided	Not provided	
Others	Accessories	AC adapter, RGB cable, instruction manual, removable stage, magnet sheet, anti-glare sheet (A5 size), USB cable, Image Mate, TWAIN driver	AC adapter, RGB cable, instruction manual, removable stage, magnet sheet, anti-glare sheet (A5 size)	
	Dimensions (W x D x H)	Set up	13 1/2" x 14 1/2" x 16 1/4" (343 x 368 x 411 mm)	
		Folded	7 3/4" x 14 1/2" x 17 1/2" (195 x 368 x 444 mm)	
	Weight	6.6 lbs (3.0 kg)		
	Power consumption	9W		
Power source	DC 12V (AC adapter)			

H: horizontal, V: vertical

Design and specifications are subject to change without prior notice.

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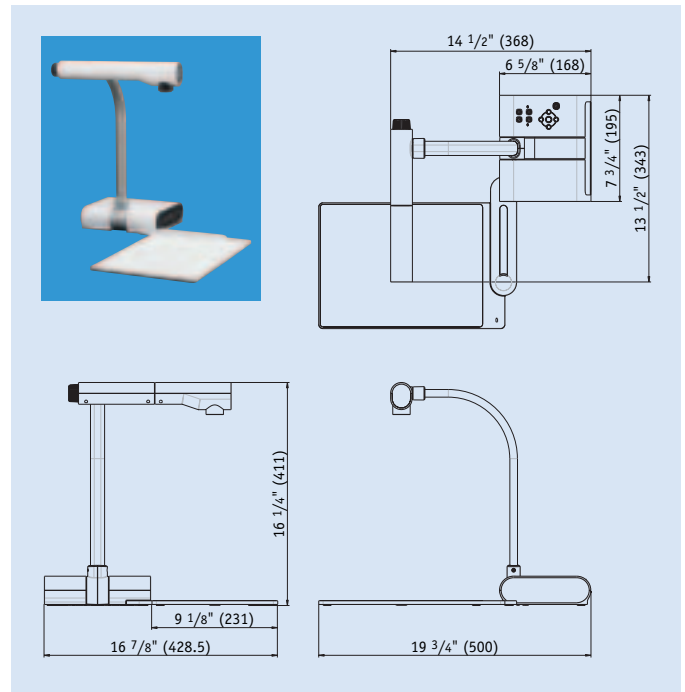
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ELMO's Helping to Provide a Greener Future for Our Children

These ELMO products comply with RoHS Directive 2002/95/EC (Restriction Of the use of certain Hazardous Substances in electronic equipment). This compliance helps to ensure a healthier and greener environment for all our children.

Profile

All dimensions in inches (mm)



TT-02u Rear Panel (USB model)



TT-02 Rear Panel



ELMO CO., LTD. (Head Office and Factory)'s QMS/EMS has been registered to ISO 9001:2000 & ISO 14001:2004.

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FOCUS ON THE FUTURE

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