With an Eye to Learning
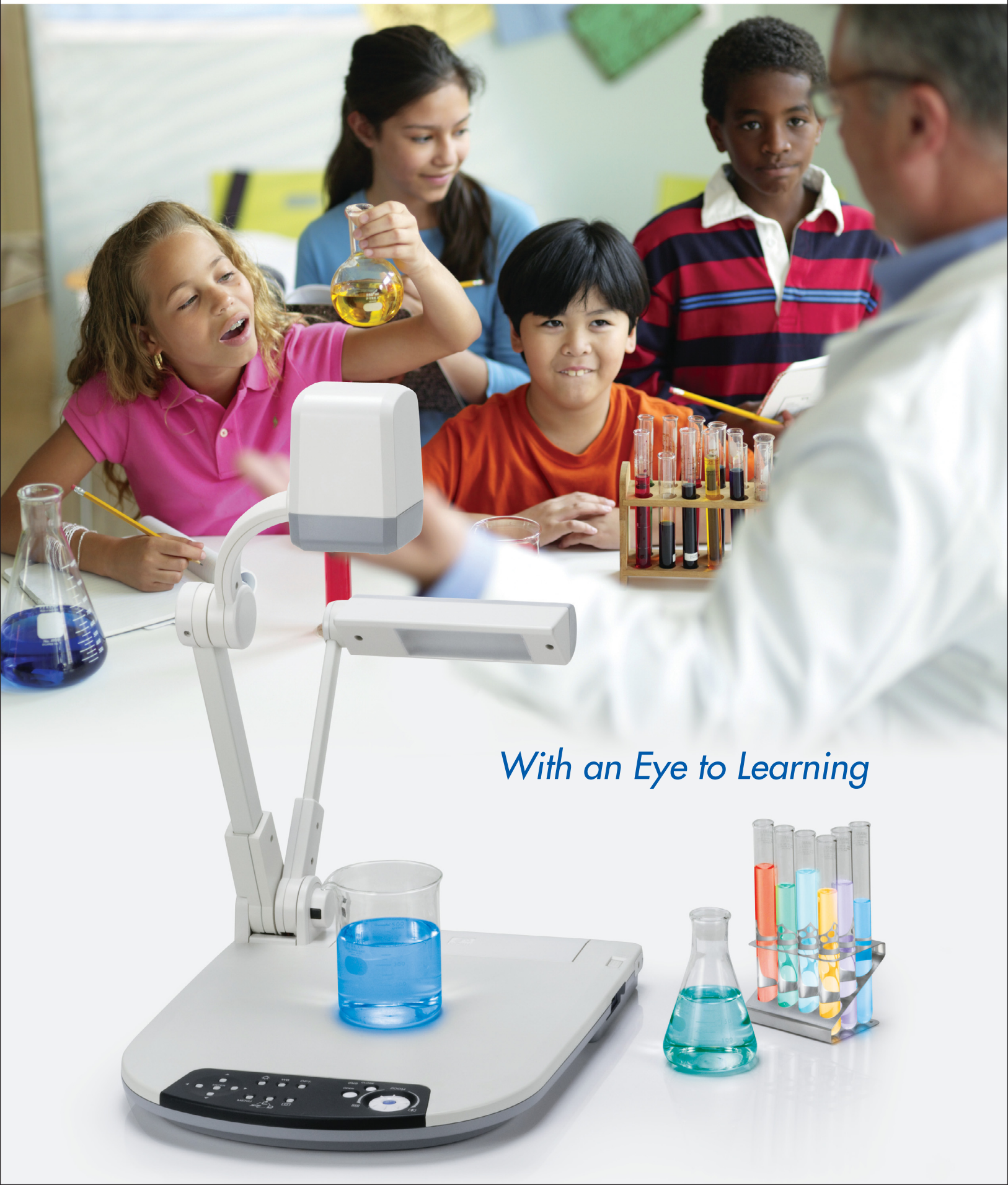
P10S
Visual Presenter

The P10S brings field-trip realism to classroom presentations by capturing both moving and still images with unsurpassed clarity.

State-of-the-art ELMO technologies help teachers deliver visually enticing lessons that keep all eyes firmly fixed on learning.
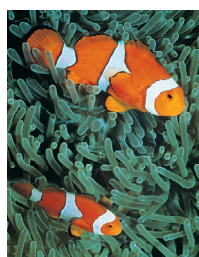
850,000-pixel
progressive scan CCD camera

The P10S's advanced camera system integrates an 850,000-pixel progressive scan CCD pickup that's capable of capturing not only the finest details of images — but moving objects as well! Combined with true XGA (1024 x 768) resolution, the P10S reproduces three-dimensional objects and subtle shades of color with unsurpassed precision.
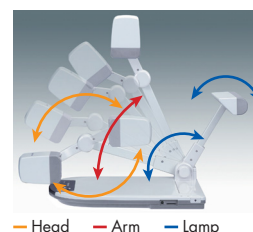
Capture crisp, live images

Now you can convey presentations more effectively and inspire your audience with vivid moving images on the big screen. With a frame rate of 20 fps, the P10S smoothly captures and reproduces moving images that can either be presented live or saved to your PC for future use.
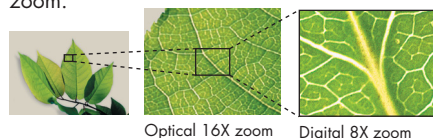
Flexible **free-angle** camera arm and lamp

The P10S's camera head can be rotated freely to capture objects at precise angles, making it easy to present objects with the exact look you want. And with the free-angle lamp, you also have all the flexibility you need to set ideal lighting conditions.

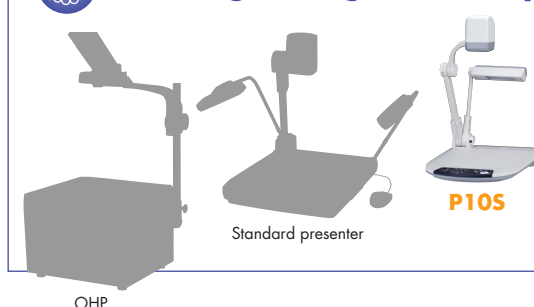— Head   — Arm   — Lamp

128X zoom

Focus in on the intricate details of your presentation with the 16X optical zoom function that can enlarge images up to 128 times when combined with the 8X digital zoom.

Optical 16X zoom   Digital 8X zoom

See how **lightweight** and **compact** the P10S is

Weighing in at just 10.4 lbs (4.7 kg) — half the weight of standard models — and measuring approximately 19 inches (48 cm) from front to back, the P10S is lightweight and compact enough to comfortably hand carry to any location.

OHP

Standard presenter

P10S

Lightweight and Compact

Crystal Clear Expression

Versatile output

DVI The P10S's versatile output connections bring you greater presentation freedom and flexibility. The DVI output lets you transfer high-quality video data without any loss of image quality, while an analog RGB output makes it easy to connect the P10S to an LCD projector or a PC monitor for true XGA-resolution display.

User-friendly interface

For the ultimate in easy and intuitive operation, the P10S incorporates a Jog Dial zoom control for quick zoom adjustments as well as an OPT (optional) button that gives you the flexibility to assign a frequently used function to the front panel.

Jog Dial

Optional button

Quick and easy PC file transfers open up a new world of possibilities.

With the convenience of bundled software, creating outstanding PC presentations has never been easier.
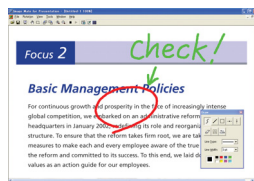
Bundled Software "Image Mate for Presentation"

• Annotation tools let you draw lines (freehand or straight) in a variety of colors to highlight and enhance screen images, right from your PC.

• Split Screen gives you a platform for comparing live video to stored images — side by side for greater visual impact.
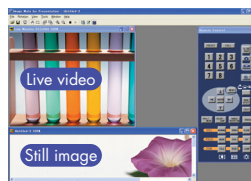
Bundled Software "Image Mate for Movie Creation"

Moving images can be easily saved to a PC for future use as analog RGB 850,000-pixel video files. Since files are saved in common AVI or WMV format, they can be played back effectively using Windows Media® Player*.
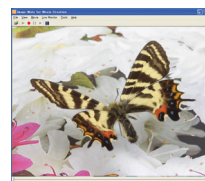
* AVI/WMV file playback is available with Windows Media Player versions 6.4 to 11.

Annotation

Split Screen function

Save video files

TWAIN Driver TWAIN driver

With TWAIN compatibility, the P10S brings you the versatility to import saved image files to commercially available photo retouching software.

Make effective presentations – even without a PC!

SD Card SD Memory Card-ready

Now there's no need to bring a PC and other hardware to every presentation. The P10S lets you save images captured by it and record them onto an SD Memory Card for future use. Saved images can then be easily transferred back to a PC via a USB cable.

USB 2.0

SD Memory Card slot

PC

Digital camera
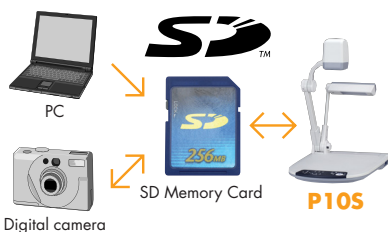
SD Memory Card

P10S

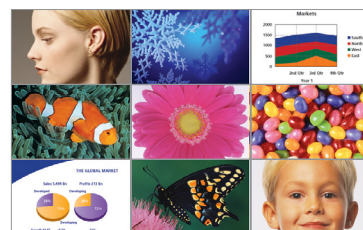### Split screen and slideshow display

Images previously saved to an SD Memory Card can be conveniently displayed as split screens (9 or 16 splits) or slideshows, enabling quick file searches and smooth operation.

Other key features

Setting Storage State presetting

Instead of having to readjust the machine every time you use it, the P10S lets you store up to six frequently used settings such as iris selection, white balance and lamp on/off. With quick and easy access to settings, your preferred adjustments are always ready to go.

A3 Size A3-size shooting area

With a large A3-size* shooting area, the P10S captures a wider image field compared to the conventional B4 size*.

*A3 size: 11 $3/4$" x 16 $5/8$" (297 x 420 mm)
 B4 size: 10 $1/8$" x 14 $3/8$" (257 x 364 mm)

Cord cover

Cables are always neat and tidy thanks to the rear panel cord cover.

Note: The cord cover pictured here is made transparent for explanatory purposes.

P10S Specifications

Model		P10S
Camera	Image pickup device	1/3" progressive scan CCD, 850,000 pixels
	Total pixels	1077 (H) x 788 (V)
	Effective pixels	1034 (H) x 779 (V)
	Frame rate	20 frames/sec.
	Resolution — RGB output	600 (H) x 600 (V) TV lines
	Resolution — Video output	450 (H) TV lines
Optics	Zoom	Powered, 16X optical
	Lens	F2.8, f=4.7 to 75.2 mm
	Shooting area	Max. 16" x 12" (405 x 303 mm)
		Min. 1 $1/8$" x $7/8$" (29 x 22 mm)
	Focus	Auto/Manual (powered)
	Iris	Auto (with level adjustment)/Manual
Functions	White balance	Full-auto/One-push/Manual
	Negative/positive conversion	Provided
	Text mode	Provided
	Edge enhancement	Provided
	Color/B&W selection	Provided
	Pause mode	Provided
	Digital zoom	Provided (8x)
	Gamma adjustment	Provided
	Slideshow	Provided (SD Memory Card image)
	Split screen	Provided (SD Memory Card image, 9-split, 16-split)
	Image save	Provided (onto SD Memory Card)
	Image rotation	Provided (0°, 180°)
	State presetting	Provided (up to 6 user settings)
	Sync. system	Internal
Interface	Internal selection	Int./RGB
	Analog RGB output	XGA (1024 x 768 @60 Hz)
	Video output	Composite (x 1), S-Video (x1)
	DVI output	Provided (x 1)
	RGB input	Provided (x 1)
	RS-232C port	Provided (x 1)
	USB 2.0 port	Provided (x 1)
Memory card	SD Memory Card slot	Provided
Lighting	Upper lighting unit	Provided (twin fluorescent lamp)
Others	Supplied accessories	AC adapter, Power cord, Video RCA cable, RGB cable, S-Video cable, USB cable, Instruction manual, IR remote control, Utility software (CD-ROM), Warranty card
	Dimensions (W x D x H) — Set up	14 $7/8$" x 19" x 23" (377 x 482 x 582 mm)
	Dimensions (W x D x H) — Folded	14 $7/8$" x 19" x 7 $1/8$" (377 x 482 x 180 mm)
	Weight	Approx. 10.4 lbs (4.7 kg)
	Application software	Image Mate for Presentation, Image Mate for Movie Creation, TWAIN driver (Windows® 2000 [SP4 or later], Windows® XP [SP2 or later], Windows Vista® [32-bit], Mac OS X)
	Power source	DC 12V (AC adapter: AC 100 to 240V)

H: horizontal, V: vertical

Design and specifications are subject to change without prior notice.
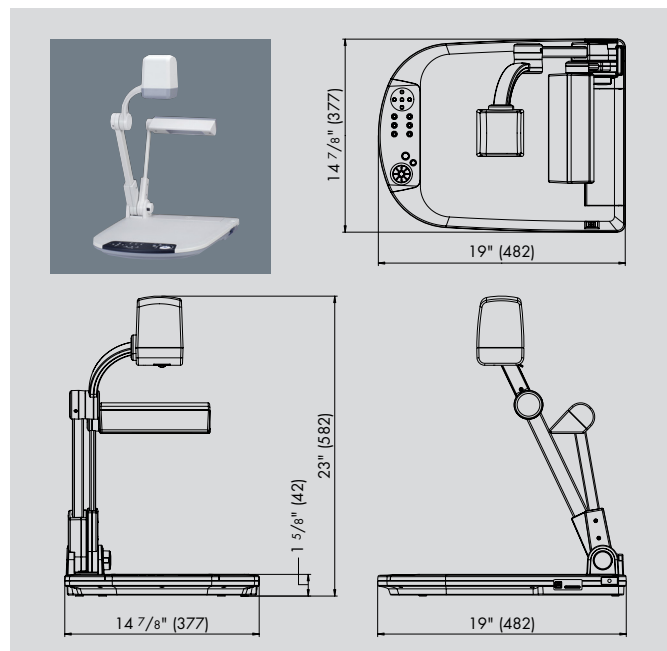The images in this brochure are simulated.
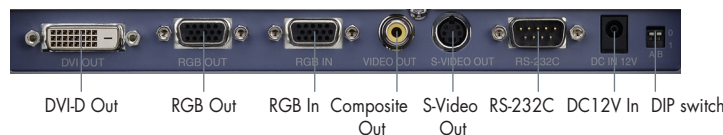"ELMO" is a trademark of ELMO COMPANY, LIMITED.
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This ELMO product complies with RoHS Directive 2002/95/EC (Restriction Of the use of certain Hazardous Substances in electronic equipment). This compliance helps to ensure a healthier and greener environment for all our children.

Profile

All dimensions in inches (mm)

14 $7/8$" (377) 19" (482)
23" (582) 1 $5/8$" (42) 14 $7/8$" (377) 19" (482)

Rear Panel

DVI-D Out | RGB Out | RGB In | Composite Out | S-Video Out | RS-232C | DC12V In | DIP switch

Options

5.6-inch color LCD monitor
LM-5611A

Monitor shoe
MS-30

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ELMO
FOCUS ON THE FUTURE

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