



New release
TT-12



Use it, Love it.
Simplicity that instills the love of learning

THE REVOLUTIONARY DOCUMENT CAMERA

DETAILS COME ALIVE, LEARNING BECOMES AN ADVENTURE

12 X Optical Zoom
8 X Digital Zoom

Latest
3.4M CMOS sensor

1080p High Definition
at 30 fps

Approx. **100x**
ZOOM

Brand new lens technology
Only from ELMO

True color reproduction
View stunningly vivid detail

Razor sharp live video
Now with HDMI!

SIMPLE AND EFFECTIVE FOR EVERY TEACHER IN EVERY ROOM

Record video and save images directly to SD/SDHC card or USB memory

Virtually limitless Camera Positions for every teaching situation

Record audio
by a built-in Microphone

SD/SDHC port External Mic input
USB memory port Security lock slot

180° Camera head rotation
300° Arm swivel
Arm rotation
180° Camera head rotation

- Suitable for both left-hand and right-hand users
- Easy to install in any classroom
- Solid construction maintains set position enabling both teachers and students to see precisely what is needed

NEW Image Mate software (supplied)
Record videos, save images and annotate on live images

Connect the TT-12 to your computer, and with new Image Mate you can easily record video with audio and annotations. Everything can be saved to your hard drive.



Origami Paper folding process



The simplest and most cost-effective wireless classroom solutions

TT-12 interacts directly with ELMO's wireless tablet and ELMO's student response system



ELMO Wireless Tablet / Slate



Coming soon
ELMO Student Response System



- Plug and play, Easy to use
- Present and annotate without a computer
- Assess students comprehension, instantly!

Or

- Interacts with a PC/Mac
- Greater features with Image Mate Accent*
- Variety of teaching contents
- Analyze students learning results



Simply plug a single dongle into your ELMO TT-12, you are ready to manage your classroom!

*Image Mate Accent is a supplied software for ELMO tablet

THE REVOLUTIONARY DOCUMENT CAMERA

TT-12 Specifications

Camera

Image pick-up device	3.4M CMOS
Total pixels	2144 x 1588
Effective pixels	1920 x 1536
Frame rate	30 fps
Resolution (H/V)	800 TV lines / 800 TV lines
Lens	F3.2 ~ 3.6
Zoom ratio	f=4.06 ~ 48.72 mm
Shooting area	Optical 12x / Digital 8x
Focus	max. 420 mm x 334 mm (@SXGA) Auto / Push / Manual

Camera Function

White balance	Auto / Manual
Flicker compensation	Provided
Noise reduction	Provided
Output pixels	1080p/720p/SXGA/WXGA/XGA
Graphical OSD	Provided
Contrast	Provided
Text mode	Provided
Edge enhancement	Provided

Classroom Support Function

Microscope mode	Provided
Image Save/Playback	SD/SDHC/USB memory (Playback of DSC image)
Motion picture Save/Playback	SD/SDHC/USB memory
Slide show	Provided
Image rotation	180 degree
Freeze	Provided
Positive/Negative conversion	Provided
Mosaic	Provided
Color/B&W selection	Provided
Scroll	Provided (in digital zoom)
PinP	Provided (Freeze or saved image)
Mask, highlight, split image	Provided
Highlighter	Provided

Sync system	Internal
Input selection	Main/External-1
Analog RGB output	SXGA/WXGA/XGA 60Hz 1080p/720p
HDMI output	Provided
RGB input	D-sub 15 pin (Pass through)
RGB output	D-sub 15 pin
USB device port	USB 2.0
USB host port	Provided
SD card slot	Provided
Video output	Provided (RGB or Video)
Internal Microphone	Provided
Microphone input	Provided
Line output	Provided

General

Weight	Approx. 3.2 kg AC adapter, Power cord, RGB cable, USB cable, Anti-glare sheet, New Remote Control, Image Mate CD-ROM, installation manual, Quick start guide, Instruction manual (CD-ROM), Stage, Dust cover
Accessories	

Option

Brand New
Microscope
Attachment lens



**Special design
Improves
microscope viewing**



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