



KEY FEATURES

- HDMI Pass Through **NEW!**
- Powerful 96 x Zoom (12 x optical zoom, 8 x digital zoom)
- 3.4 MP CMOS Sensor
- Full HD 1080p
- USB Video Class Compliant (can be seamlessly used as a webcam)
- Multi-directional Camera Neck
- A3 Capture Area
- Built-in Microphone
- Ergonomically Designed Remote Control

L-12iD

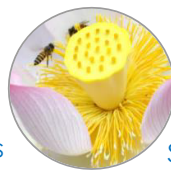
The Revolutionary Interactive Visualiser



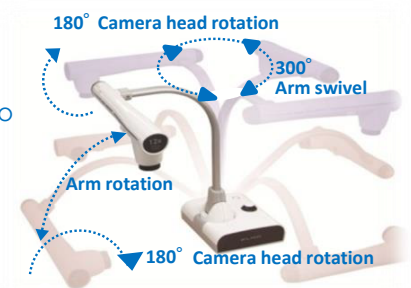
Powerful 96 x zoom



Full HD 1080p images



30 fps Smooth Video



High Quality Images & 300° Swivel Camera Head & Arm

The L-12iD can capture high quality full HD images from all directions. The solid camera arm stays in position and is easily operated by both left- and right-handed users.

Ultimate Connectivity

Web Cam Feature & HDMI Pass Through **NEW**

The new feature of L-12iD is the ultimate in connectivity and usability. It supports **UVC (USB Video class)** for easy integration with your interactive whiteboard, and other classroom technology. The new HDMI pass through feature allows you to use your L-12iD visualiser as an HDMI "pass through" switcher to display a HD computer or tablet PC screen and HD images from the L-12iD visualiser at the push of a button.



Presentation Support Functions



The provided **remote control** brings convenient interactive functions to classroom presentations!

Split Screen



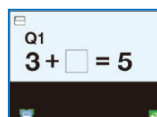
Shows a still image and a live image simultaneously

Highlight



Draws attention to a particular section of an image.

Mask



Hide a selected part of an image from view

Scroll



Moves and digitally magnifies the image instantly

Annotate on Live Images

with



and/or



Combine the L-12iD with the **ELMO Wireless Tablet** or **ELMO Interactive Pen** and you can **annotate over live images**, as well as **saved ones**. You can also record and play back videos, and you **DO NOT need** a computer to make it work!

L-12iD SPECIFICATIONS

CAMERA

Image pick-up device	1/2.8" CMOS 3,400,000 pixels
Total pixels	2,144(H) x 1,588(V)
Effective pixels	1,920(H) x 1,536(V)
Frame rate	30fps
Resolution	Analogue RGB :800(H) x 800(V)TV lines or more

OPTICS

Zoom	Powered, 12x optical
Lens	F3.2-3.6, f=4.0mm-48.0mm
Shooting area	1080p : Max.420x233mm Min.48.5x27.5mm 720p : Max.420x233mm Min.48.5x27.5mm SXGA : Max.420x334mm Min.48.5x38.5mm WXGA : Max.420x259mm Min.48.5x30.5mm XGA : Max.420x313mm Min.48.5x36.5mm
Focus	Auto/Manual/Zoom Sync

FUNCTIONS

White balance	Auto/One-Push/Manual
Image mode	Text1/Text2/Text3/Graphics1/Graphics2
Edge enhancement	Provided (only for graphics mode)
Pause	Provided
Still image storage	Provided
Video storage	Provided
USB image output	Provided(Elmo original , UVC(USB Video Class))
Digital zoom	8x
Gamma setting	Provided (only for graphics mode)
Graphical OSD (on-screen display)	Provided
Image save	SD memory card/SDHC memory card/USB flash drive
State presetting	Up to 3 user settings
Annotation	Provided (CRA-1 use , CRB-1 use)
Brightness control	Auto(with level adjustment)/Manual
Support functions	Highlight, Mask, Scroll(in digital zoom), Mosaic Split screen, PinP(Picture-in-Picture) Colour filter, Microscope, Image rotation(0°/180°) Positive/negative conversion, Colour/B&W selection

INTERFACE

Input selection	Main/External (RGB x 1, HDMI x 1)
Output terminals	RGB output mini D-sub 15-pin connector, female x1 HDMI output terminal x1 Line Out terminal 3.5mm-diameter stereo minijack x1
Input terminals	RGB input mini D-sub 15-pin connector, female x1 HDMI input terminal x 1 Mic In/Line Out terminal (shared), 3.5mm-diameter stereo mini jack x1
Ext. control terminal	USB device (2.0 compliant) Mini-B receptacle x1
Analogue RGB output	1080p : 1,920x1,080@60Hz, 720p : 1,280x720@60Hz SXGA:1,280x1,024@60Hz, WXGA:1,280x800@60Hz XGA:1,024x768@60Hz
HDMI output	Image output : 1080p/720p Audio output : PCM44.1kHz sampling frequency
Memory interface	SD memory card slot x1, USB host(2.0 compliant) Type A receptacle x1

LIGHTING

Illumination lamp	White LED
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OTHERS

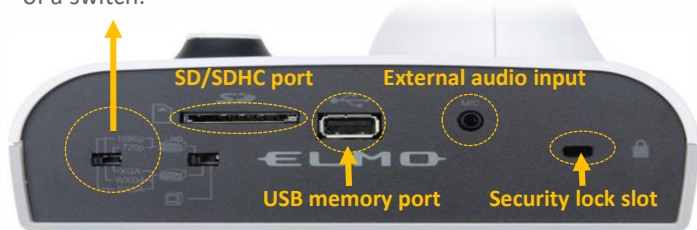
Accessories	AC adapter, AC cord, USB cable(for connecting to PC), Remote control, AAA batteries(for remote control), ELMO Interactive Toolbox Software CD-ROM, ELMO Interactive Toolbox installation manual, L-12iD Instruction manual(CD-ROM), Basic startup guide, Warranty
Security slot	Provided
Power source	12V DC(AC adapter AC100-240V)
Power consumption	16.2W
Dimensions (WxDxH)	355x373.5x426.5mm setup 195x294x469mm folded
Weight	Approx. 3.0 kg (main unit only)

REAR PANEL



SELECTABLE OUTPUT RESOLUTION

The L-12iD offers a variety of output resolutions at a simple flick of a switch.



SAVE IMAGES/VIDEOS ON SD CARD/ USB MEMORY STICK

Both still images (JPEG) and audio video files (MP4) can be saved on a USB memory stick or SD memory card for future use. Files may also be saved to a computer using ELMO Interactive Toolbox software (included).



AUDIO INPUT & OUTPUT

Record high-quality video with audio via the built-in microphone or an external microphone input.

OPTION PRODUCTS

Microscope Attachment Lens



L-12iD Stage

