NEW MODEL

ELMO
CONNECTING MINDS



L -12W / L-12F

EASY & POWERFUL GLOBAL STANDARD VISUALISER

THE ELMO IN PRACTICE







ELMO L-12 series is one of the best selling visualiser in the world. It assists teachers to visually explain any contents and enhances pupil's comprehension. Features are more improved in connectivity and usability.

KEY FEATURES

L-12W

Powered by Android (5.0)





Zoom x192 (Optical x12 + Digital x16)

Adjustable Arm and Camera Head



LAN (Wired and Wireless) / Miracast

Annotation App & QR Reader Pre-installed

Pass-Through (HDMI/RGB)

L-12F

Native 4K Output via HDMI





Zoom x288
(Optical Zoom x12 + Sensor x2 + Digital x12)

Adjustable Arm and Camera Head



A B C

Annotation App Pre-installed

Pass-Through (HDMI/RGB)

L-12W / L-12F SPECIFICATIONS

Model Name	L-12W	L-12F
OS	Android 5.0	-
Camera		
Image Sensor	1/3.2" CMOS	1/2.3" CMOS
Effective Pixels	6.0M (3264x1836@16:9 aspect) 6.7M (2992x2244@4:3 aspect)	8.3M (3840x2160@16:9 aspect) 9.3M (3520x2640@4:3 aspect)
Frame Rate	30fps	Max. 60fps
Zoom	Optical x12 + Digital x16 = x192	Optical x12 + Sensor x2 + Digital x12 = x288
Lens/Max Aparture	F=3.2-3.6	F=3.2-3.8
Focus Range	Wide 50mm ～ ∞ , Tele 200mm ～	Wide 50mm ～ ∞ , Tele 200mm ～
Focus Control	Auto (One push)	Auto (One push) / Zoom Sync
Shooting Area	470x260mm @ 16:9 aspect 430×320mm @ 4:3 aspect Possible to shoot A3 format	469x259mm @16:9 aspect 430×319mm @4:3 aspect Possible to shoot A3 format
Resolution	Full HD (1920x1080)	4K (3840x2160)
User Interface		
Zoom Key	Yes	Yes
Auto Focus Key	Yes	Yes
Pass-through	Yes (HDMI/RGB)	Yes (HDMI/RGB)
Lighting	White LED	White LED
Adjustable Arm/Head	Yes/Yes	Yes/Yes
Integrated Stage	(Option)	(Option)
Image Rotation	90°/180°/270°	90°/180°/270°
Freeze	Yes	Yes
Annotation	Yes	Yes
Comparison	Yes	Yes
Mask	Yes by PC software	Yes
QR Reader	Yes	-
Recording	Yes (Photo/Video)	Yes (Photo/Video)
Playback Capability	Photo : JPG Video : MP4	Photo : JPG Video : MP4
Optional Apps	ELMO Interactive Toolbox (EIT) for Windows Available at www.elmoeurope.com ELMO Play Apps Available at http://elmo-play.com/	ELMO Interactive Toolbox (EIT) for Windows and Mac, Available at www.elmoeurope.com
Technical Interface		
USB	x2 (Type A, Version 2.0) x1 (Type B, Version 2.0)	x1 (Type A, Version 2.0) x1 (Type B, Version 3.0)
HDMI	IN/OUT x1 (Type A, Version 1.4)	IN/OUT x1 (Type A, Version 1.4)
RGB	IN/OUT x1	IN/OUT x1
LAN	x1	-
AUDIO OUT	x1	x1
Mic IN	x1	x1
SD Slot	x1	x1
Wireless	WiFi IEEE802.11 a/b/g/n,2.4GHz/5GHz Miracast (720p)	-
Others		
Built-in Mic	Yes	Yes
Remote Commander	Yes	Yes
Security Lock Slot	Yes	Yes
Power	DC5V	DC12V
Power Consumption	20W	21W
Dimension	(Set-up) W349 x D377 x H432 mm (Folded) W195 x D294 x H475mm	(Set-up) W349 x D377 x H432 mm (Folded) W195 x D294 x H475 mm
Weight	Approx. 3000g (Main unit)	Approx. 3000g (Main unit)
Accessories	AC Adapter, Remote Commander, Instruction Manual	AC Adapter, USB Cable (version 3.0), Remote Commander, Instruction Manual
Optional Accessories		
Stage	Yes	Yes
CRA Tablet	Yes	Yes
CRB Pen System	Yes	Yes
Microscope Attachment	Yes	Yes
Carrying Case	Yes	Yes
Warrantly	5 years	5 years

L-12W







L-12F







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