

mini
CLASSROOM

Doc-Tor is in...

Document Camera & Projec**Tor** Bundle System
THE CURE FOR YOUR CLASSROOM PRESENTATION NEEDS.



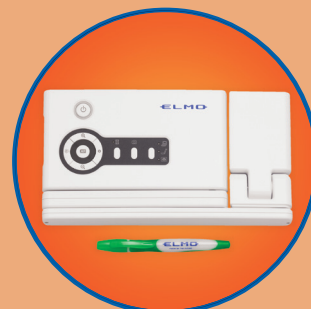
CO-10 Document Camera

ELMO Combines the versatility and advanced technology of our CO-10 document camera with CRP-221 / CRP-261 projectors to create a bundle system that you'll agree is at the head of it's class.

Project Crisp, Clear Images With True Color Reproduction

ELMO
FOCUS ON THE FUTURE

FEATURING...



Small light weight design for portability



Easy Operation and Flexible Camera and arm for added shooting angles



Tandem AC Power Link for Cart or Table use

AND MORE...

Image Mate Software
Video Recording with Audio

mini **Doc-Tor**

Document Camera & Projec**Tor** Bundle System

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Model CO-10

Camera Image pick-up device	1/4" CMOS sensor
Total pixels	1,612 (H) x 1,216 (V)
Effective pixels	1,600 (H) x 1,200 (V)
Frame rate	15 fps (max.)
Resolution	RGB output 600 (H) TV lines
Video output	300 (H) TV lines
Optics Zoom	6X digital
Lens	F3.0, f=3.39 mm
Shooting area	Max. XGA: ≥ 340 x 255 mm (13 1/2" x 10")
SXGA	≥ 320 x 255 mm (12 5/8" x 10")
WXGA	≥ 340 x 204 mm (13 1/2" x 8")
Min. XGA	≤ 53 x 40 mm (2 1/8" x 1 5/8")
SXGA	≤ 50 x 40 mm (2" x 1 5/8")
WXGA	≤ 53 x 32 mm (2 1/8" x 1 5/16")
Focus	Auto/Manual
Functions	White balance One-push
Exposure	Auto
Microscope mode	Provided
Freeze (Pause mode)	Provided
Split display	Provided (16-split)
Image save	Provided (16 JPEG files, internal storage)
Sync. system	Internal
Input/output	Internal selection PC/Camera/Memory
VGA active pass through	Provided
Analog RGB output	SXGA (1,280 x 1,024 @60 Hz)
WXGA	(1,280 x 800 @60 Hz)
XGA	(1,024 x 768 @60 Hz)
Video output	Composite
RGB input	Provided
PC interface USB port	Provided, USB 2.0
Others Accessories	Power cord, AC adapter, VGA cable, C-Video cable, Microscope adapter, USB cable, Carrying bag, User manual CD (En, Es, Pt, De, Fr, Jp), Quick start guide, Image Mate
Security slot	Provided
Dimensions	Set up 143 x 446 x 338 mm (5 5/8" x 17 5/8" x 13 5/16") (W x D x H) Folded 143 x 262 x 37 mm (5 5/8" x 10 5/16" x 1 1/2")
Weight	1.3 kg (2.9 lbs)
Power source	12V DC, 2A (AC 100 – 240V, 50/60 Hz)
Power consumption	6W (AC adapter included)

CRP - 221 / CRP - 261 Projector

Brightness	CRP-221 2200 Lumens CRP-261 2600 Lumens
Resolution	XGA (1024 x 768)
Uniformity	85%
Panel System	0.55" TFT Poly x 3
Number of Pixels	2,359,296
Contrast Ratio (Full on / off)	500:1
Image Size	40" - 300"
Aspect Ratio	4:3
Projection Lamp (s)	220W UHP
Scanning Frequency	H 15 - 100kHz / V 50 - 100Hz
Dot Clock	140MHz
dB Rating	29dBA (eco mode)
Voltage	100 - 240 V
BTU Rating	723 (eco)
Power Consumption	212W (eco)
Weight	5.5 lbs
Dimensions (inch)	13.1 x 3.4 x 9.7 inch
Projection Lens (inch)	F 2.00 - 2.15 / f 0.72" - 0.87"
Throw Distance (feet)	4.3' - 38.7'
Zoom / Focus	Manual
Throw Ratio	1.62 - 1.92
Zoom Ratio	1:1.2
Up / Down Ratio	6:1
Rear Screen Projection (L / R Reverse)	Yes
Ceiling Mountable (T / B Reverse)	Yes
Digital Keystone Correction	V +/- 30° (Auto Keystone)
Digital Zoom	16x - 1/4x
Analog Interface	D-sub 15 pin, RCA
RS-232 Control Carry and / or	D-Sub9
Speaker Output	1W
Audio Output	Stereo Mini (Variable)
PC Monitor Output	Yes
Network Control / Admin	Yes
Custom Startup Screen	Yes
Remote Control	IR Remote
Document Camera Power Port	12V DC 1.1A
Lamp Life	6000H (eco) / 5000H (normal)
Computer Capability	UXGA/WXGA/SXGA/ XGA/SVGA/VGA/MAC
Color TV System	PAL/SECAM/NTSC/ NTSC4.43/PAL-M/N
Menu Languages	19 Languages
Warranty Projector:	3 Years / Lamp: 90 Days or 500hrs (which ever occurs first)