

# TT-02RX Digital Visual Presenter and CRA-1 Digital Wireless Tablet Bundle System



The Elmo TT-02RX Document Camera & CRA-1 Wireless Tablet Bundle System is an image capturing device with 1.39 MP CMOS sensor and 41.6 zoom (5.2x optical, 8x digital), and captures images at the rate of 30fps. Equipped with an 11 x 17" (27.9 x 43.2 cm) capture area, the camera supports SXGA, WXGA, and XGA resolutions. The CRA-1 Wireless Tablet is an excellent way to communicate with your PC or Laptop and simulate a whiteboard experience at the palm of your hand. With the freedom of being wire-free for an amazing range of 50 feet, The ELMO tablet weighs in at a mere 1.48 pounds, and will not tire you down while cradling it around the classroom. The CRA-1 is easy to set-up and provides a wide range of convenient functions like stamping, text input and insert image. Attached with a document camera, the CRA-1 can perform tasks like draw on live image of a the document camera, easily controlling the document camera and its functions to create lesson materials containing real objects and digital images.

## TT-02RX Specifications

Model	TT-02rx		
Camera	Image pick-up device	1/3" CMOS, 1,490,000 pixels	
	Total pixels	(H) 1384 x (V) 1076	
	Effective pixels	(H) 1329 x (V) 1049	
	Frame rate	Max. 30 frames/sec.	
	Resolution	Analog RGB output : (H) 800 x (V) 800 TV lines or more Video output : (H) 500TV lines or more	
Optics	Zoom	Powered, 5.2x Optical	
	Lens	F2.8-3.2 f=3.85mm - 20.02mm	
	Shooting area	SXGA : Max. 16 3/8" x 13" (417x331mm) Min. 3 5/8" x 2 7/8" (92x74mm) WXGA : Max. 16 3/8" x 9 3/4" (417x246mm) Min. 3 5/8" x 2 1/8" (92x56mm) XGA : Max. 16 3/8" x 12 1/8" (417x309mm) Min. 3 5/8" x 2 5/8" (92x69mm)	
	Focus	Auto/Manual	
Functions	White balance	Full auto/One-push/Manual	
	Negative/positive conversion	Provided	
	Image mode	Text1/Text2/Text3/Graphics1/Graphics2	
	Edge enhancement	Provided	
	Color/ B&W selection	Provided	
	Freeze	Provided	
	Digital zoom	8x	
	Gamma setting	Provided	
	Graphical OSD (On Screen Display)	Provided	
	Slide show	Provided (SD image data)	
	Image save	Provided (SD card)	
	Image rotation	Provided (0°/180°)	
	State presetting	Up to 4 user settings	
	Annotation	Provided (on PC screen)	
	Brightness control	Auto (W/Level adjustment)/Manual	
	Zoom Sync, Focus	Provided	
	Microscope mode	Provided	
	Scroll	Provided (in digital zoom)	
	Mask function	Provided	
	PinP (Picture-in-Picture)	Provided	
	Highlight function	Provided	
	Interface	Input selection	Main/External
		Analog RGB output	SXGA : 1280x1024@60Hz
WXGA : 1280x800@60Hz			
XGA : 1024x768@60Hz			
VIDEO output		Provided (C-Video)	
RGB input		Provided (x1)	
Recorder terminal		Provided (for optional desktop recorder)	
USB port		Provided (USB2.0 x1)	
SD card slot	Provided (x1)		
Lighting	illumination lamp	Provided (White LED)	
Others	Accessories	AC adapter, Power cord, Analog RGB cable 78 3/4" (2m), Removable stage, Magnetic sheet, Anti-glare sheet, Dust cover, Instruction manual, IR remote control, USB cable 70 3/4" (1.8m), Utility software (Image Mate) CD-ROM, Microscope attachment, Strap for IR remote control TWAIN DS driver	
		Security slot	Provided
		Power source	12VDC (AC adapter AC100 - 240V)
		Power consumption	15W (AC adapter included)
		Dimensions (W x D x H)	7 3/4" x 10" x 17 1/2" (195 x 254.5 x 444.5 mm) (Folded) 13 7/8" x 14 5/8" x 16 1/4" (350 x 370.5 x 411.5 mm) (Set Up)
	Weight	Approx. 6.39 lbs (2.9kg)	

## CRA-1 Specifications

Model name	CRA-1	
Operating temperature	0 to 40°C	
Reading range	8.0 x 5.0 inches (203.2 x 127.0 mm)	
Reading resolution	0.0127 mm	
Reading accuracy	0.42 mm	
Reading speed	120 rps	
Pen pressure level	1,024 levels	
Wireless band used	2.4 GHz	
Communication range	Approx. 49.2 feet (15 m) (differs depending on usage conditions)	
Power supply	Lithium-ion battery	
Continuous operation time	Approx. 16 hours (differs depending on usage conditions)	
Auto power off time	Approx. 30 minutes	
Full charging time	Approx. 4 hours	
Consumption current	When using USB	5V 500 mA
	When using lithium-ion battery	3.7V 60 mA
Computer model	IBM compatible computer equipped with a standard USB port and CD-ROM drive (Operation is not guaranteed for all computer environments.)	
Compatible OS	Windows® 7 (32-bit) / Vista SP1 (32-bit) / XP SP2 (32-bit)	
External dimensions (W x D x H)	12 13/32" x 10 1/8" x 29/32" (315 x 257 x 23 mm)	
Weight	23.6 oz (670 g) ( including Tablet, Pen, Wireless adapter, Dry cell AAA battery, and Lithium-ion battery for tablet )	

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