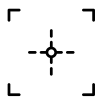# Razr

® เรสซ์

Sharp as Razor

PT-545

PORTABLE DIGITAL VISUALIZER

30FPS

30 FPS **Auto Focus** **HD Resolution**

Image Editing **Software**

- 5 Mega pixels HD display, AF auto focus.
- High frame rate output.
- Flexible camera arm&head, multi-direction capture and presentation
- Support offline and online work model, Built-in VGA output interface, support connection to TV, projector, computer monitors and PC, etc.
- Through the portable button integration in fuselage base and a remote control,
- Interactive whiteboard function, annotation, flashing lines, erase, text editing, etc.
- Powerful image processing function to improve the quality of teaching
- Bundled with special Razr teaching instrument software, SDK packages are also available under a variety of development environments.

Flexible arm to capture different height object

Rotation Camera head for wide-angle image capture

Folded box-shaped design for easy carry

Specifications

Sensor Size	1/4" CMOS	**Image Freeze**	Yes
Lens Zoom	6X Digital Zoom	**Image Title**	Yes
Total Pixel	5,000,000	**Image Split**	Yes
Camera Rotation	Vertical 115° / Horizontal 270°	**Image Save & Recall**	32 Frames
Shooting Area	A4 (297 x 210 mm.)	**LED Light**	Two white led light
Video Resolution	SVGA / XGA / SXGA / 720P / 1080P	**Input Connector**	VGA x 1
Focus	Auto / Manual Selectable	**Output Connector**	HDMI x 1 / VGA x 1 / USB x 1 (Type B)
Image Rotation	0° / 90° / 180° / 270°	**Fram Rate**	30 FPS
Negative/Positive Conversion	Yes	**Power Source**	100-240V, 50-60Hz (12V/1.5A external AC adapter)
Black/White and color selection	Yes	**Weight**	0.74 kg.
		Dimension (W x D x H)	Folded :137x250x48 (mm.) Setup : 137x421x330 (mm.)
Remote Control	Yes	**Warranty**	2 Year

***All specifications are subjected to change without notice

Functions

HD image display

Can demonstrate the completely scanning image and can also enlarge the partial image to maximum, bringing more convenient for teaching.

High–speed video demonstration

High- speed demonstrate real-time video, capture image smoothly and display full-screen image, the teacher can be more vivid to display various experimental operation.

Image editing processing

Can zoom, rotate, adjust contrast and brightness, add painting brush, segment and recombine images, which makes more convenient for teacher to demonstrate lectures.

Interactive whiteboard

Multiple operations include add, cut, paste of the images, text, linear, rectangular tables etc. It will replace the traditional blackboard to save your time and effort. Writing tools : pen can choose 16 million color and dynamic 5 level, eraser for erase the pen, geomatric function.

PDF conversion

Images convert to pdf file under one-click, they can be checked on different equipments.

Move and drag

When the contents of presentation exceed the show window, you only need simply hold down the mouse to move and drag the image to anywhere

One–click shift screen

Shift screen function makes it possible to promptly switch the software working interface to PPT, video player, desktop and etc.

Video and audio recording, screen recording synchronously

The camera and microphone equipped can synchronously achieve multimedia video-recording and screen-recording.

Can display 2 or 4 pcs pictures on screen synchronously

Teachers can display 2 or 4 pcs pictures on screen synchronously and can rotate, zoom picture separately. It will be more convenient for comparison teaching

OCR

We have advanced OCR technology. Can recognize characters, tables, symbols; supported more than 180 kinds of languages, accuracy rate up to 98%, after OCR, directly save as word file

Available from :

Optoma   Razr i-Board   Razr Projection Screen   Razr SOUND SYSTEM   Razr i-RECORD