

★ IMAGINE WHAT YOU CAN DO WITH VISUALIZERS...

In Education and Training Purpose

- Stimulating students and keeping them engaged
- Show and Tell
- Science Experiments
- Zoom in on small items to see the details
- Demonstration how to operate a machine or device
- Art pictures or projects
- Display the hard to see document to audience

A Court of law

Use to display two dimensional documents or three dimensional evidence for all those present in the courtroom to see

Anyone using video conferencing

Combination with video conferencing equipment to share live images of 2D or 3D objects with conference participants

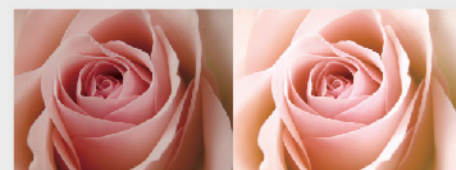
In Medical Purpose

Display X-rays and other material on a large screen show experiments or research progress and result clearly



Portable Visualizer

Why Visualizer is important to a digital classroom? It is permanently connected to your whiteboard / projector and lets you show things to the whole class using the large screen display in your room.



➤ AE/AWB Camcorder high-speed auto-balance



➤ Camcorder –quality auto-focus lens/fast still image Auto Focus



➤ Text/Graphic dual-mode image capture for perfect image quality of documents and graphics



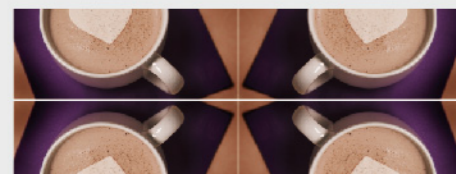
➤ Image effect including B&W/ Negative



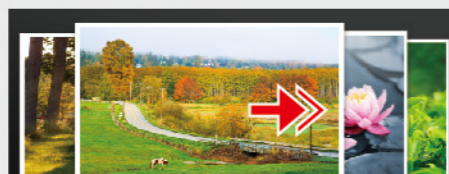
➤ *Special effect such like Mask and Split



➤ Picture in picture allow you to show live image side by side with stored image.



➤ Flip lets you flip and rotate image for easy display or awkwardly positioned objects.



➤ *Side show of static image



➤ *Title: make the title as a reminder in preview mode.

Note: ★ means the specific feature of the specific model.

★ PORTABLE VISUALIZER

Advanced Feature

- ▶ Up to 5 Mega Pixels for high resolution image
- ▶ Optical zoom available for more detail data
- ▶ Intuitive control keys
- ▶ Precious autofocus
- ▶ High video camera resolution above 750 TV line
- ▶ Auto White balance enables vivid color reproduction and prevents disturbing color change s during presentation
- ▶ Compact design for easy portable
- ▶ 1080P 30 frame rate for smooth video demo
- ▶ SD card or pen driver saving available



TVP-100



TVP-200



TVP-022

Model Name	TVP-100	TVP-200	TVP-022	TVP-040	TVS-010
Sensor	1/3.2" CMOS 5M	1/3.2" CMOS Sensor	1/3.2" CMOS 5M	1/3.2" CMOS Sensor	CMOS Sensor
Lens	5Xoptical Zoom 10 X Digital Zoom	5X optical; 8 digital 8X Mechanical	5X optical Zoom 4X Digital Zoom	5X optical ;2X smart zoom	N/A
Shooting Area	A3	A3	B4 (13.9"X9.84" @4:3; 13.9"X7.38"@16:9)	B4 (14"X10.5")	A4
Video Resolution	1080P: (1920*1080) 720P: (1280*720) SXGA: (1280*1024) XGA: (1024*768)	Full HD: 1920*1080 XGA:1024*768	720P: 1280*720 XGA:1024*768	1024*768	2592*1944
Image Resolution	5.0Mega	8.0 Mega	12 Mega	5.0 Mega	5.0 Mega
Image Rotation	0°/90°/180°/270°	mechanical rotation -90° 0° 90°	0°/180°	0°/180°	N/A
Input Connector	HDMI: HDMI*1 RGB: DB15FLC Audio: 3.5 Jack *1	N/A	RGB: DB15FLC MIC: Mini Jack DC in : 5V/2.5A	build in MIC RGB*1	build-in MIC (optional)
Output Connector	HDMI: HDMI*1 RGB: DB15FLC C-video: RCA *1 Audio: 3.5 Jack *1 USB: Type B USB OTG: TYPE A	RGB*1 HDMI*1 USB*1	HDMI (1) RGB: DB15FLC Audio: Mini Jack (1) C-video: RCA(1)	RGB*1 USB*1	USB *1
USB (UVC)	√	√	× (USB driver-available)	√	√
Video Output	√	×	√	×	×
On board Memory	Yes	N/A	20MB; 42pcs @ 2M	N/A	×
Memory card	SD	SD	√	SD	×
Frame rate	30	30	30	30	5
LCD Preview	×	×	√ (3")	×	×
White balance	Auto	Auto	Auto	Auto	×
Image split	Yes	No	No	No	No
Negative/positive conversion	Yes	Yes	Yes	Yes	No
Black/white and color selection	B&W	Yes	Yes	Yes	No
Image Freeze	Yes	Yes	Yes	Yes	No
Mirror	Yes	Yes	Yes	Yes	No
Remote Controller	Yes	Yes	Yes	Yes	No



TVP-040



TVS-010