

★ 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

Software Application

Our unique visualizer software provides a plentiful function for well controlling the visualizer. You can zoom in/out, rotate, image capture, continue shot, video and annotate. The teacher can create an interesting and vivid curriculum for the students.



Desktop 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.



★ DESKTOP VISUALIZER

Advanced Feature

- High resolution image capture
- Up to 120X zoom available for more detail image
- Intuitive control keys
- Precise autofocus
- High resolution video camera, more than 750 TV line
- Auto White Balance enables vivid color reproduction and prevents disturbing color changes during presentation
- 330° rotatable camera head

TVD-023/040



TVD-041



TVD-051



TVD-132

Model Name	TVD-132	TVD-023	TVD-040	TVD-041	TVD-051
Sensor	2M	1/3" CMOS 2.0M	2.4M	2.4M	2.4M
Lens	12X Optical Zoom 10X Digital Zoom	12X Optical Zoom 10X Digital Zoom	12X Optical Zoom 10X Digital Zoom	12X Optical Zoom 10X Digital Zoom	12X Optical Zoom 10X Digital Zoom
Shooting Area	372mm x 290mm	395mm x 285mm Max	422mm x 235mm Max	390*220mm@1080P output	420*275mm
Video Resolution	XGA : 1024*768 SXGA : 1280*1024 WXGA : 1366*768 720P : 1280*720 16:9	XGA : 1024*768 SXGA : 1280*1024 WXGA : 1366*768 720P : 1280*720	XGA : 1024*768 SXGA : 1280*1024 WXGA : 1366*768 720P : 1280*720 1080P : 1920*1080	XGA : 1024*768 SXGA : 1280*1024 WXGA : 1366*768 720P : 1280*720 1080P : 1920*1080	XGA : 1024*768 SXGA : 1280*1024 WXGA : 1366*768 720P : 1280*720 1080P : 1920*1080
Image Resolution	3.2Mega	2.0 Mega	5 Mega	5 Mega	5 Mega
Image Rotation	0°/90°/180°/270°	0°/90°/180°/270°	180°	0°/90°/180°/270°	0°/90°/180°/270°
Input Connector	VGA: DB15FLC (2) Audio: Phone jack (1) C-Video: RCA (1)	MIC : Phone Jack (1) VGA: DB15FLC (2) PC Audio: Mini Jack (2)	C-Video : RCA (1) PC Audio : Mini Jack (2) Audio in : Phone Jack (1) MIC : Phone Jack (1) VGA : DB15FLC (2) HDMI (1)	Audio : Mini Jack (2) MIC : Build-in VGA : DB15FLC (2) HDMI (1) USB 2.0 : Type A for mouse control	Audio : Mini Jack (1) MIC : Build-in; Phone Jack (1) VGA : DB15FLC (1) HDMI (2) USB 2.0
Output Connector	VGA:DB15FLC (2) Audio: 3.5mm (1) C-Video: RCA (1) S-Video: 4 pin DIN4 (1)	VGA : DB15FLC (2) Audio : Mini Jack (1)	VGA : DB15FLC (2) C-Video : RCA (1) S-Video : RCA (1) Audio : Mini Jack (1) HDMI: (1)	VGA : DB15FLC (2) Audio : Mini Jack (1) HDMI: (1) S-Video : RCA (1) USB : Type B USB (1)	VGA: DB15FLC (1) C-Video: RCA (1) S-Video: RCA (1) Audio: Phone jack (1) USB : Type B USB (1) HDMI (2)
USB (UVC)	√	√	√	√	√
Video Output	√	√	√	x	√
On board Memory	Max 32 pcs	128 pcs	500M	18pcs	x
Memory card	x	x	x	SD	SD
Mortorized	x	x	√	x	√
White balance	Auto	Auto	Auto	Auto	Auto
Image split	Yes	Yes	Yes	Yes	Yes
Negative/positive conversion	Yes	Yes	Yes	Yes	Yes
Black/white and color selection	Yes	Yes	Yes	Yes	Yes
Image Freeze	Yes	Yes	Yes	Yes	Yes
Mirror	Yes	Yes	Yes	Yes	Yes
Remote Controller	Yes	Yes	Yes	Yes	Yes
Mouse control /Wireless Tablet control	No	No	No	Yes	Yes
Simultaneous displays	Yes	No	No	No	Yes