

★ **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.



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 22X zoom available for more detail data
- Intuitive Control keys
- Precise autofocus
- High video camera resolution above 750 TV line
- Auto White balance enables vivid color reproduction and prevents disturbing color changes during presentation
- 330° rotatable camera head



Model Name	TVD-010	TVD-011	TVD-020	TVD-030	TVD-130	TVD-230
Sensor	1/4" CCD 0.47M	1/4" CCD 0.47M	1/3" CMOS 1.3M	1/3" CMOS 2M	3.2M	3.2M
Lense	16X optical Zoom 8X Digital Zoom	16X optical Zoom 8X Digital Zoom	12X Optical Zoom 10X Digital Zoom	12X Optical Zoom 10X Digital Zoom	22X Optical Zoom 10X Digital Zoom	12X Optical Zoom 10X Digital Zoom
Shooting Area	A4 (210mm x 297mm)	A4 (210mm x 297mm)	395mm x 312mm Max	395mm x 312mm Max	A4 (210mm x 297mm)	A4 (210mm x 297mm)
Video Resolution	XGA : (1024*768) SVGA : (800*600)	XGA : (1024*768) SVGA : (800*600)	XGA : (1024*768) SXGA : (1280*1024) WXGA : (1366*768) 720P : (1280*720)	XGA : (1024*768) SXGA : (1280*1024) WXGA : (1366*768) 1080P : (1920*1080) 720P : (1280*720)	XGA, SXGA, 720P16:9	XGA : (1024*768) SXGA : (1280*1024) WXGA : (1366*768) 720P : (1280*720)
Image Resolution	0.47Mega	0.47Mega	1.3Mega	2.0Mega	3.2Mega	3.2Mega
Image Rotation	0°/90°/180°/270°	0°/90°/180°/270°	0°/90°/180°/270°	0°/90°/180°/270°	180°	0°/90°/180°/270°
Input Connector	C-Video: RCA (1) S-Video : 4 pin mini Din×1 Audio : Mini Jack (2) MIC : Mini Jack (1) PCAudio : Mini Jack (2) RGB : DB15FLC (2) Power : 12V/4A	C-Video: RCA (1) S-Video : 4 pin mini Din×1 Audio : Mini Jack (2) MIC : Mini Jack (1) PCAudio : Mini Jack (2) RGB : DB15FLC (2) Power : 12V/4A	C-Video : RCA (1) S-Video : 4 pin Mini Din (1) Audio : Mini Jack (4) MIC : Mini Jack (1) RGB DB15FLC (2) Power : 12V/3A	C-Video : RCA (1) S-Video : 4 pin Mini Din (1) Audio : Mini Jack (2) MIC : Mini Jack (1) PCAudio (2) RGB : DB15FLC (2) Power : 12V/4A	RGB: DB15PCC*2 Audio: Phone jack*1 RS232: USB *1	RGB: DB15FLC*2 Audio: 3.5mm*3 C-vidio: RCA*1
Output Connector	RGB : DB15FLC (2) C-Video : RCA (1) S-Video : 4 Pin Mini Din 4 (1) Audio : Mini Jack (1)	RGB : DB15FLC (2) C-Video : RCA (1) S-Video : 4 Pin Mini Din 4 (1) Audio : Mini Jack (1)	RGB : DB15FLC (2) C-Video : RCA (1) S-Video : 4 Pin Mini Din (1) Audio : Mini Jack (1)	RGB : DB15FLC (2) C-Video : RCA (1) S-Video : 4 Pin Mini Din 4 (1) Audio : Mini Jack (1) HDMI: (1)	RGB: DB15PCC*2 C-Video: RCA*1 Audio: Phone jack*1	RGB: DB15FLC*2 Audio: 3.5mm*1 C-Video: RCA*1 S-Video: 4 pin DIN4*1
USB (UVC)	√	√	×	√	×	√
Video Output	√	√	√	√	×	√
On board Memory	7pcs	7pcs	32pcs	128pcs	Max 12 pcs	32pcs
Mortorized	×	√	×	×	×	×
White balance	Auto	Auto	Auto	Auto	Auto	Auto
Image split	Yes	Yes	Yes	Yes	Yes	Yes
Negative/positive conversion	Yes	Yes	Yes	Yes	Yes	Yes
Black/white and color selection	Yes	Yes	Yes	Yes	Yes	Yes
Image Freeze	Yes	Yes	Yes	Yes	Yes	Yes
Mirror	Yes	Yes	Yes	Yes	Yes	Yes
Reomote Controller	Yes	Yes	Yes	Yes	NO	Yes