

User Manual

Introduction

Welcome to use Visual Presenter

Visual presenter is a device that captures images by a video camera mounted vertically on a base. The video image is then converted to an electronic signal that can be transmitted to other equipments such as projector, large-screen projection television, common television, LCD monitors, etc. Is designed for users to display terminal on the demonstration in kind, text, picture and the development of the technical and design products. Before using presenter, please read the manual carefully and properly keep it as a reference for future use.

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Products Overview

1.1 Product Description

1.1.1 Packing detail list

Item No.	Description	Quantity
1	Document Camera AC	1pc
2	Power Cable	1pc
3	RGB cable	1pc
4	User Manual	1pc
5	Power Adapter	1pc
6	RS232 Cable(Optional)	1pc
7	USB Cable (Optional)	1pc
8	Remote Controller(Optional)	1pc
9	Software (Optional)	1pc

1.1.2 Components

1. Camera
2. Len slide pole / Camera Lens Stand
3. Arm Lamps
4. Control Panel
5. Demo Table-board
6. IR receive window



1.2 Products Appearance and Parameter

1.2.1 Products Appearance



1.2.2 Products Parameter

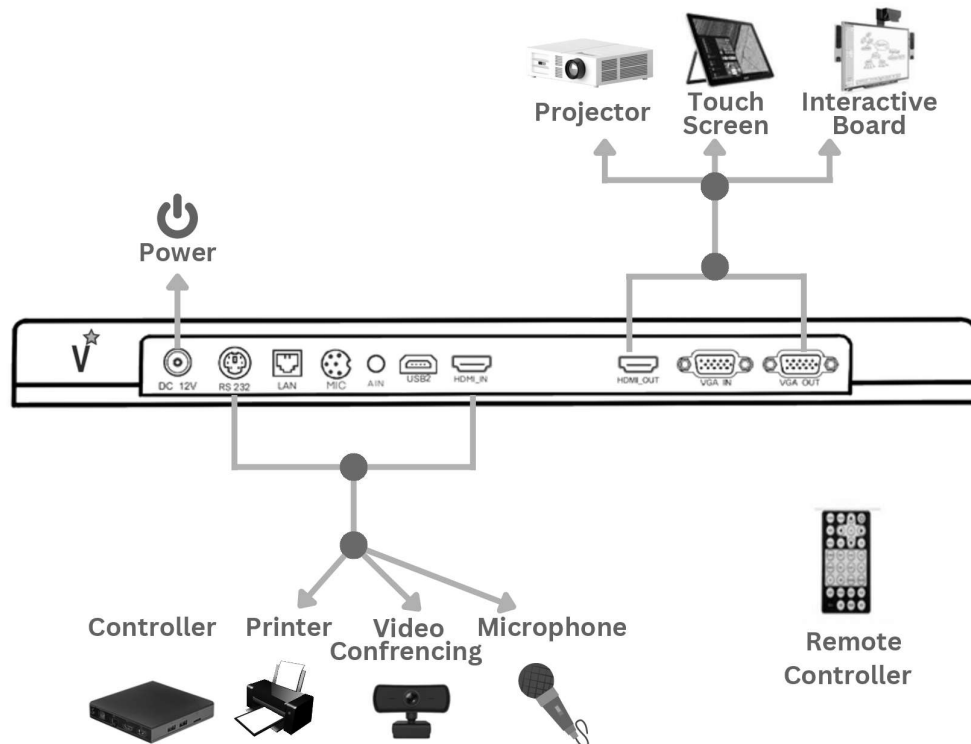
Total pixels	8 million pixels
Optical zoom	26x optical zoom
Digital zoom	12x digital zoom
Selectable resolution	2592*1944, 2048*1536, 1600*1200, 1280*1024, 1024*768, 1024*510, 800*600, 640*480
Input	VGA*1, HDMI*1; VIDEO*1(optional),AUDIO*1
Output	VGA*1, HDMI*1; VIDEO*1(optional),AUDIO*1
Focus	Auto Focus
Picture scanning format	BMP/JPEG/GIF/PNG/TIF
Output document format	PDF/DOC/XLS/PPT/EXCEL/E-MAIL
Video recording format	AVI
Shooting range	A4 format
Image adjustment	Brightness, contrast, colour, saturation, grayscale, rotation ,etc.
Exposure/ white balance	Automatic
Control mode	Touch panel , Remote control
Digital Function	Support annotation without PC, Screen split, Freeze, Auto focus, Positive/Negative, Text/image mode, Mirror image, Image storage and replay, USB output
Power	12V DC power adapter
T.V lines	> 1200tv lines
Control	RS-232, USB

Document Camera User Guide

2.1 Connection and Operation Instruction

Before you turn on the document camera, please put the document camera in the proper place and make sure that all the equipments are connected correctly.

2.1.1 Connection



1. **VGA—OUT/HDMI:** Connect the VGA interface of display device. Like projector, monitor and so on.
2. **VGA—IN/HDMI—IN:** : Connect external VGA signals source.
3. **USB:** Connect USB port of PC.
4. **RS232:** Connect PC serial port.
5. **SVIDEO:** S-VIDEL output.
6. **V-IN:** RCA Video Input.
7. **A-IN:** Audio Input.
8. **MIC:** Microphone Output (Optional)
9. **USB PORT:** USB port, for SD reader (Optional)

2.1.2. Operation Instruction

1. Light press the demo table board, pull the lens slide pole to your reserved place.
2. Lift the Camera Arm gently from both sides to establish correct angle of capturing of the camera
3. Put the side led arm lamps down, adjust the angle of lamps to proper place.
4. Rotate camera, adjust the angel vertical to the dome table board, take off the lens cover.
5. Power on, press "Power" button on control panel, the document camera is on and works. Then you can see the demonstrate object or documents is presented on any display terminal.
6. Capture the objects which around the document camera. Rotate the camera till capture the object. Press "Auto" button on control panel for auto focus.
7. Attention: If you need to use the remote control, move the white switch out, which is near the power button. The remote control will be popup. When remote control is finished, move the white switch out, plug the controller.



7. Finish using, power off (Indicator light is off), disconnect power cable, put down the side led arm lamps, put down the lens pole and lightly push camera, put down the stand while applying equal force from both sides, to keep the document camera in a good condition.

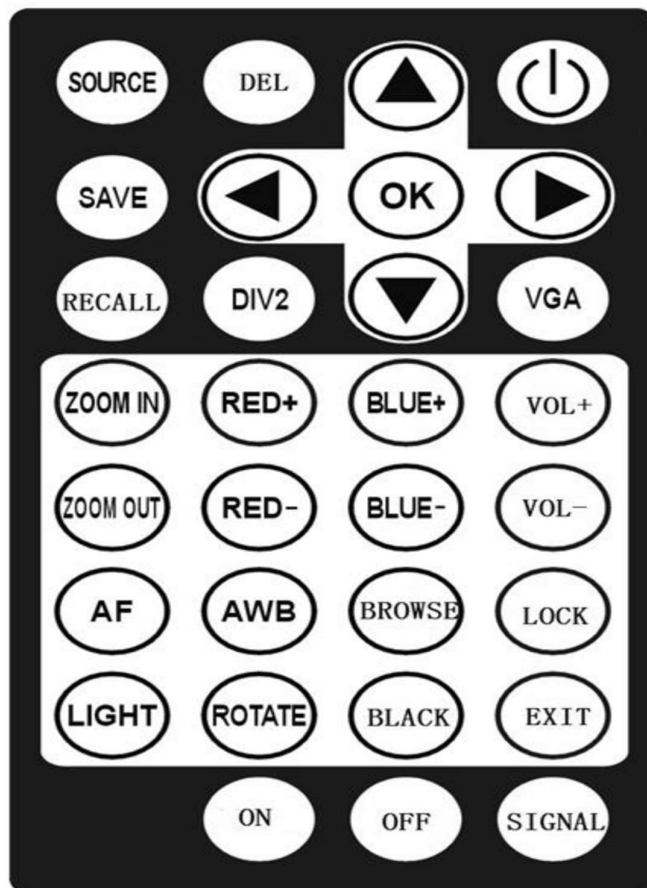
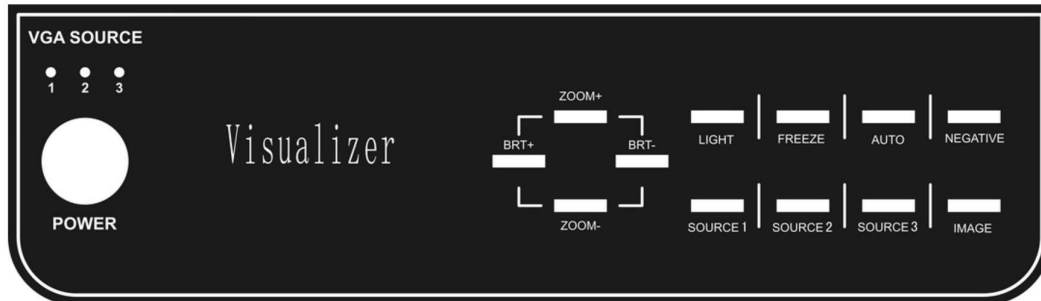


Operating



Finish using
and Storage

2.2 Control panel buttons and Remote Controller Instruction

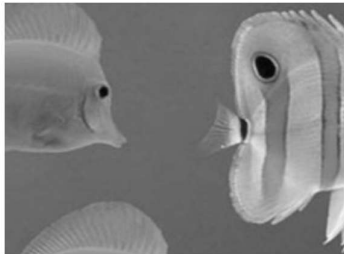


List for buttons function

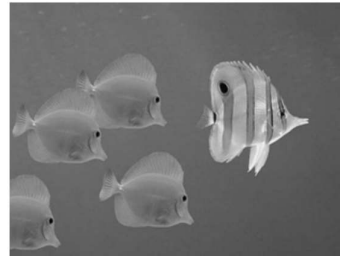
Item No.	Button	Function
1	Power	Power, turn on/off document camera
2	DEL	A key to delete all pictures
3	SOURCE	Switch the document camera signal and external signal
4	SAVE	To save the current image. When the saved images exceed the memory, the latter will replace the former image. Note: If press this button and playback or browse, all the saved images will be deleted.
5	VGA	Adjust VGA output resolution
6	DIV2	Same screen comparison
7	RECALL	Play storage content
8	OK	Selected the playback images
9	▲ ► ▼ ◀	Select the saved images
10	ZOOM IN	Zoom in the demonstrated object, press the button can enlarge the image, constantly enlarge or maximum enlarge the image if you long press the button
11	ZOOM OUT	Zoom out the demonstrated object, press the button can reduce the image, constantly reduce or maximum reduce the image if you long press the button
12	+/-RED	Manual adjust the image's red color
13	+/-BLUE	Manual adjust the image's blue color
14	+/-Vol	Manual adjust volume
15	BROWSE	Review the saved images
16	AWB	Auto white balance
17	AF	Auto focus
18	LIGHT	Back lamp and arm lamps can be converted, or all are closed.
19	ROTATE	Image mirroring and rotation function
20	BLACK	Switch image between chromatic color and black&white
21	EXIT	Exit browser or exit store pictures
22	ON	Turn on projector Turn off
23	OFF	projector Choose projector
24	SIGNAL	signal source

Some functions detailed instruction:

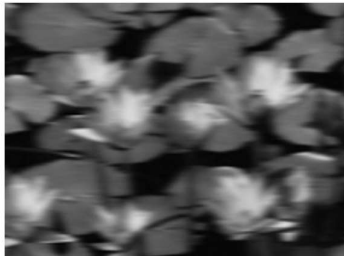
Zoom In/Out: This is the main function of the document camera. It is to adjust the shooting area and focus to zoom in or zoom out the image. Once press this button, the camera will auto focus, after focusing can do the next zoom in or zoom out.



Zoom In



Zoom Out



Focusing



Finish Focus

Positive / Negative: Positive means the image is displayed on document camera normal works condition, color is same as object. When press "Negative" button, image display as X gray effect, can be display the film.



Positive



Negative

Save Image: To save the current image.

The saved image quantity will be varied with different camera. When exceed the memory, the latter image will replace the former. Select the image by arrows of there remote control ,then press"OK" to confirm the selection.

Troubleshooting and Solution

3.1 Troubleshooting and Solution

Question 1: No image when turn on the document camera?

Solutions: 1. Check the electrical socket is energized. Change another socket for a try;
2. Whether connect the equipments correctly. If the connection is correct, change another VGA cable for try;
3. Make sure the lens cover has been taken off.

Question 2: Blurry focus?

Solutions: 1. Check whether the lens for short-distance has been installed already, the lens clean or not;
2. Check whether the document camera is on manual focus mode, press auto focus for conversion;
3. Reduce the magnification;
4. Restart the document camera.

Question 3: No VGA signal output when the document camera is connected?

1. Check the VGA cable is firmly inserted;
2. Check the document camera is switched to another VGA channel;
3. Check the signal cable whether is damaged.

Question 4: When turn on the document camera, there is color deflection?

It may be caused by adjust "red+" or "blue+" button, press the button "AWB"(Auto White Balance) can solve it.

Question 5: USB and RS232 do not work?

These functions need to work with the installed software. Please check the CD software for reference.

Chapter 4

XGA switch Instruction Manual

TWAIN protocol can be realized. It can switch among WXGA, XGA and SXGA mode

Operation step:

1. Visualizer connect with terminal equipment (like monitor, projector), then turn on visualizer. Press VGA button, then camera output signal can switch among SXGA, XGA, and WXGA. For details

Precautions for Operation

Before Use:

- Do not leave it under direct sunlight or by heaters. It maybe discolored or damaged.
- Do not place this product in any humid, dusty, or vibrating locations.
- Carry the product by holding the base in both hands. Never hold the product by the arm or the camera head.
- Use a soft, dry cloth for cleaning instead of any volatile solvent.
- When the device is not in use for a while, please turn off the power.
- Fold the arm when the product will not be used for a long time.

After Use:

- Please prevent children from operating the device without supervision.
- Recommended environmental conditions: Temperature: 0°C - 40°C (32°F - 104°F).
- Humidity: 30% - 85%(No condensation).
- Use the product on a stable base, desk, or table.
- Do not turn or flip the camera head or arm to its limitation as below manual instructs.
- Do not point the camera lens directly at the sunlight. It may be damaged and fails to image.
- Do not look directly to the LED lamps to prevent your eyes from being damaged.
- The product may not be operated properly if a USB hub is used to connect the product and a PC.
- Be careful to prevent the unit from dropping or overturning
- Please prevent the camera head to hit the desk top or any other hard objects, or it can be damaged easily.