

DVP505A DIGITAL VISUAL PRESENTER

- High Resolution Color Camera
- XGA Computer Output
- Auto Focus, 12X Zoom
- 32 Picture Memory
- Optical and Digital Zoom
- Dual Lamps & Back Light
- Wireless Remote Control
- S-Video & Composite Video Outputs
- Microphone, Audio, and DC12V Power Outlets



FEATURES

The DVP505A consists of a high-resolution color camera on a movable extendable arm positioned over a large stage, which has a backlight. Sidelights on arms provide additional illumination for the top and side of objects or documents. The camera provides images that can be shown using a multimedia projector, viewed with a monitor or plasma panel, or captured with a computer. The camera has a resolution of 1024 x 768 pixels, XGA and provides outputs in XGA or SVGA computer signal format plus composite and S-video. With electronically controlled 12 x optical and 4 x digital zoom, plus auto focus, the details of an object can quickly be viewed.

Your presentation will be enhanced by the array of features such as a 32 image memory, image freeze, microphone input, remote control, electronic pointer, and a electronic switch for a computer signal pass through. Control is easy with panel push buttons or using the credit card size remote control. This presenter is perfect for viewing objects, evidence, papers, X-rays, or demonstrations.



Connection to the inputs and outputs of the DVP505 are easily assessable.

SPECIFICATIONS

Camera with 1/3" CCD Progressive Scan, XGA full-color, 1024 x 768 Pixel Resolution, 12x optical zoom lens f2.9-3.5, FL= 5.9 - 59 mm, Viewing range of zero to infinity, Power Zoom, Auto/manual Focus, 4 x Digital Zoom, Shooting area on stage 15.7" x 11.8", Outputs: Computer VGA, DVI, Composite Video, S-Video, Audio, USB, DC 12V, Inputs: Computer VGA, Mouse Port, RS-232, Mic, Features: Gamma Control, 32 Picture Memory, Freeze Function, Input selection of Camera or PC. NTSC/PAL, Computer resolution output of SVGA or XGA, On Screen Menu, IR Remote Control, Backlighted Stage, 2 Side Lights on arms, Camera Head Rotation, Image Flip, RS-232 Remote Control, USB output to computer, Five Year Warranty.

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DVP505A

DIGITAL VISUAL PRESENTER



- High Resolution XGA images
- Computer and Video Outputs
- Auto Focus Camera
- 32 Picture Memory
- Easy to Transport
- 12X Optical and 4X Digital Zoom

Model DVP505A Features

The **DVP505A** is a digital presenter consisting of a high-resolution color camera on a moveable extendable arm mounted over a stage with a back-light. There are also lights on arms located on each side of the stage for illumination of the subject. The presenter camera output images can be directed to a projector or computer monitor for display.

To provide versatile operation there are connections for a computer input, microphone input, audio output, USB, remote control RS-232, and DC voltage. The color camera has a **1024 x 768, XGA resolution** which provides an exceptional image in either XGA or SVGA resolution. The image output is via a standard computer VGA style cable or the DVI output can be used.

This presenter is very easy to use and can be controlled by the built-in controls or via a credit card size remote control that is stored in the presenter's base. It merely requires plugging into standard power, connection of the computer or video cable to the projector or display monitor, and the push of the power button. After that the user can position the camera arm and push the auto focus button. Additional image options exist for the creative presenter but the first time user can easily take command.

The XGA images that the camera displays are 4 times the resolution of a normal TV image. Consequently this image must be shown on a computer monitor, data/video projector or plasma panel. It results in clarity not possible until now. Standard TV video output in Composite or S-video is also available and can be shown using a standard TV. A VCR can also be connected to record the images.

The **DVP505A** has a 12X optical and 4x digital zoom range controlled by buttons. The camera which has auto focus can easily view objects at up to 80X magnification. Up to 32 images can be captured by merely pushing the "Capture" button on the remote. A montage of these images can be instantly previewed and one image selected for full screen display. The images can be transferred to a PC by the USB connection for further storage or processing, or captured on a PC card.

For sound enhancement there is a microphone input combined with an output for an amplifier and speakers. An included PS/2 mouse permits mouse control of the menu or movement of an electronic pointer over the image.

Objects such as transparencies can be illuminated from the backside using the stage lamp or illuminated from above by the side fluorescent lamps. A "source" button permits switching between the presenter camera and an external computer input. Thus the presenter can be placed in a system with a single VGA cable to the projector. Remote control is possible by the RS-232 input. Other features include gamma "photo/text" mode, image freeze, Digital Visual Interface (DVI-I) output, a 12 VDC output, automatic white balance, brightness control, 3 language menu, image flip and lamp control. Portable image storage is possible through a PC card type 2 slot.

The presenter is the perfect tool for providing images of objects, evidence, papers, X-rays, or demonstrations in the classroom, conference room, courtroom, at the podium, or for video conferencing.

Specifications (subject to change without notice)

Optical

- Lens: F2.9 to F3.5, FL=5.9 mm to 59 mm
- Shooting area range 14.2" x 10.6" to 1.6" x 1.2" (Transparency 8"x11")
- Focal distance 0 to 19" above the stage surface and to infinity pointing the camera outward.
- Zoom control Motorized 12x optical and 4x digital, 6.7x mechanical, total 80x
- Focusing Automatic/manual
- Iris Auto/fine tune

Lighting

- Side Illumination 2 lamps (1 per side) fluorescent on arm.
- Back light, stage Size, 10.6" x 8.2" fluorescent, cold cathode.

Camera head

- Image pickup 1/3" CCD progressive scan
- Total pixels effective 1077 (H) X 778 (V), XGA
- Synchronization (H) 60k/47kHz, (V) 75Hz
- Frame Rate 20 frame/sec.
- White balance Auto/Manual
- Exposure Auto/Manual
- Freeze Push button operation
- Image Modes Photo/Text/Inverse/Gray scale
- Image Signal Level 0.7 Vpp
- Output Signals RGB analog, XGA 75Hz, SVGA 75Hz, S-video, NTSC/PAL, Composite, NTSC/PAL

Output

- RGB, Computer D-sub 15 pin (VGA)
- DVI Digital & Analog Connector
- S-Video Mini Din 4 pin,
- Composite Video RCA jack,
- Audio Stereo mini jack
- USB Std. socket, Type B
- DC 12V DC jack, 500mA

Input

- RGB, Computer D-sub 15 pin (VGA)
- Mouse Port Std. PS/2, Menu and pointer
- RS-232C D-sub 9 pin male
- Mic Input Stereo mini jack

Special Functions

- Two Programmable Presets Yes
- Menu On Screen
- Image Memory 32 Images
- Freeze Yes
- Gamma Photo/Text/Grey/Film modes
- Removable Storage PC card type 2 slot

Accessories

- Included Wireless full function remote control, power cable, user manual CD, DVI cable, PS2 mouse, 4 slide holder, negative film holder, DVI/VGA adapter, computer cable (VGA), USB cable, and soft carry case.
- Safety UL, C-UL Listed
- Regulatory FCC Class A

General Specifications

- Power requirements AC 100-240VAC, 50/60 Hz
- Power consumption 30W
- Dimensions Folded, 20"L x 13.8" W x 4" H.
- Weight Open, 25.2" L x 13.8" W x 25" H.
- Shipping Weight 9.7 lbs.
- Shipping Weight 20lbs.

Audio Visual Products

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