

# Lights, camera, document

## Document cameras put your training presentation in focus

**T**raining is a discipline that requires one to be high touch and high tech. The high-tech side of the business can change pretty fast, and trying to keep up with the latest developments can be an overwhelming endeavor. One of those technologies—the document camera—is changing the way images are displayed in the classroom. Unlike your father's overhead projectors that used mirrors and light tables, document cameras use a high-resolution video camera for display, projecting images through multimedia projectors, TVs or computer screens. And projection's just the tip of the iceberg, they're also part scanner, part microscope, part whiteboard and part computer. Here's the latest in document cameras—and there's one for every budget.



### Ken-a-Vision MVP-100

Brand new, this doc cam has a ball-and-socket head and flexible neck ideal for many different positions. It has high-resolution output signals for RCA, USB, VGA and RJ45 formats. The Applied Vision Software for USB allows for a variety of functions, including full-screen viewing and notating on images. The MVP may be connected to the network, computer, projector, TV and VCR simultaneously. The MVP also has a touch pad for better image control.

Price: \$1,595.  
Contact Ken-a-Vision  
816.353.4787  
[www.ken-a-vision.com](http://www.ken-a-vision.com)



### Ken-a-Vision Vision Viewer 7890UM

One of Ken-a-Vision's newest products, the Megapixel Digital Vision Viewer 7890UM comes with a pre-attached USB cable with a flexible neck and small footprint. It's USB 2.0 connection and megapixel camera make it an upgrade from the 7890B.

Price: \$395.  
Contact Ken-a-Vision  
816.353.4787  
[www.ken-a-vision.com](http://www.ken-a-vision.com)



### Dukane Camera 220C

This 1024 x 768 XGA resolution digital visualizer is designed to be idiot-proof. This plug-and-play device is equipped with a high-performance CCD; the lens was created for sharp 3-D images. This fashion-forward model has a smart gooseneck design that simplifies complicated mechanical visor adjustments; the lens head and light head have 360-degree capabilities. The machine's pass-through function allows interruption-free simple signal source selection from either the doc cam or your computer.

Price: \$799.  
Contact Dukane Corporation  
800.265.4607  
[www.dukcorp.com](http://www.dukcorp.com)



### AVerVision300p

The AVerVision 300p is a three-megapixel portable document camera that focuses on being affordable. The doc cam features 2x AVERZOOM and 8x Digital Zoom, which is designed to display any document, 3-D object, microscopic image or negative/X-ray. This 24-frames-per-second doc cam also features an LED module with laser positioning pointers, active VGA pass through, 80 images capture/storage, mirror, negative-to-positive, rotation and freeze functions.

Price: \$999.99  
Contact: AVerMedia Technologies Inc.  
408.263.3828  
[www.avermedia-usa.com](http://www.avermedia-usa.com)

### Casio YC-400

This doc cam lets the small speak for the large. The size of a standard sheet of paper and weighing less than four pounds, this machine enables the user to integrate documents, objects and photos into presentations, thanks to the accompanying software. This doc cam has a high-quality digital camera with a 4 million-pixel resolution and a triple optical zoom, as well as an aluminum tripod with an integrated document tray. It's also designed to work in tandem with Casio projectors.



Price: \$999  
Contact Casio  
800.836.8580  
www.casio.com

### ClearOne DocCam Pro AV

The DocCam Pro AV is designed to be flexible in price and function. This doc cam sharply illuminates documents, objects and images on a variety of display devices. The machine's built-in video pass-through allows a second video source connection and one-touch switching between sources. The Pro AV's microphone and 180-degree tilt camera head are nice options if you need an auxiliary presentation camera.



Price: \$2,295  
Contact ClearOne  
800.945.7730  
www.clearone.com

### AVerVision530 Digital Visual Presenter

The AVerVision530 Digital Visual Presenter from AVerMedia Technologies comes with 12x-optical zoom and built-in memory that stores up to 80 JPEG images. The camera has a Smart AutoFocus feature that adjusts image clarity as the camera zooms in and out on an object. The integrated flash-card drives let you save images to removable CompactFlash and Secure Digital flash-memory media for transport to a computer or other device.



Price: \$1,500  
Contact AVerMedia Technologies Inc.  
408.263.3828  
www.avermedia-usa.com.

### ProMax DP580

This doc cam has a built-in central control system; the digital image is enhanced through a digital processing card and RGB input/output. It has a 1/4-inch CCD with 22x optical zoom and 10x seamless digital zoom. The machine, which features a wireless remote, was designed with ease of function in mind, with intuitive buttons on the control panel. The USB port enables image save, recall and edit. The machine has a built-in scan converter, and the user can switch computer signal, document camera signal, DVD and VCR signals from its front panel. Only one RGB cable is needed to go into doc cam.



Price: \$1,895  
Contact Promax Technology  
248.663.2345  
www.promax-tech.com



Price: \$2,499  
Contact Alliance Int'l Trade & Investment Group, Inc.  
858.558.2030  
www.alliancewarehouse.com

### Justice-Visions JV-850K

With this doc cam, complete with a USB 2.0 output and control software, images captured can be displayed on a computer. The machine also has an optional Digital Class LCD annotation tablet, which allows the user to write on documents or 3-D objects, and then save and retrieve them later. The JV-850K also unites a progressive scan CCD camera with 850,000 pixels and a 30 frames/sec refresh rate for smooth images.



Price: \$2,950  
Contact Elmo  
Manufacturing Corp.  
516.501.1400,  
www.elmoussa.com.

### Elmo P30

The XGA resolution Elmo's P30 doc cam features both style and substance. It weighs less than 11 pounds, but this beauty features a 15x optical zoom, a progressive-scan CCD, an SD card slot with the ability to capture short AVI clips, and software that, when connected to a computer, enables annotation, split-screen viewing and other helpful features.



Price: \$2,495.  
Contact Promax Technology  
248-663-2345  
www.promax-tech.com

### ProMax DG800

This doc cam has a built-in central control system to control any projector, a 1/3-inch professional CCD with 12x optical zoom and 4x seamless digital zoom, and presents a true digital image with the resolution of 850,000 pixels. The intuitive control panel makes operation a snap. This doc cam has the capacity to store nine images and do a split screen. The letter-size reflective base allows viewing an entire page legal document, and a USB port enables the user to save, recall and edit images.

### WolfVision VZ-57+

The Mercedes of document cameras, the SXGA resolution (1,280 x 1,024 pixels) VZ-57+ features a 3-CCD, progressive-scan optical engine (most doc-cams have only one CCD) that delivers more than 70 million pixels. The camera captures images at a rate of 30 frames per second (fps), and supports three output ratios (4:3, 16:9 and 16:10), and can be IP-addressed to work like a Web cam.



Price: \$17,850  
Contact WolfVision Inc.  
800.356.9653.



### Epson ELPDC05

This XGA resolution document camera is designed to work with Epson PowerLite projectors. The machine has a built-in base light that provides optimum image quality for transparencies, slides, negatives, and X-rays, while a camera with optical and digital magnification enables users to zoom in up to 35 times. This doc cam, which comes with a wireless remote, also has special functions such as a clear screen mode, and white balance and gamma selection that enable detail enhancement. The unit's RGB function allows for seamless switching between different sources. A push-button feature makes it easy to rotate and capture images that can be saved to a PC using Image Mate.

Price: \$3,795  
Contact Seiko Epson  
800.463.7766  
www.epson.com.



Price: \$6,795  
Contact Elmo  
Manufacturing Corp.  
516.501.1400  
www.elmoussa.com

### ELMO HV-8000SX

This SXGA resolution is all about networking. This IP addressable, network visual presenter sends high-resolution, real-time Web and LAN images; it's also controllable by remote Web access or LAN. With a 10x powered optical zoom lens plus electronic magnification, you'll see images clearly. This machine also has a built-in baselight for film inputs and an OSD menu display.