

Canon

VISUAL COMMUNICATION SYSTEMS DIVISION



*High Quality, Low Cost,
Multi-Purpose Camera.*

VIZCAMTM 10000

Versatility, Exceptional Performance And Value

Vizcam's durable 3-axis articulated arm firmly holds its position use after use for consistently stable, motion-free imaging.



Just one look at Canon's VIZCAM 1000 is enough to convince you that this is no ordinary camera. The unique design of this product is enhanced by a rugged 3 axis positioning arm that rotates a full 180 degrees at the base and at the camera head. This allows the user to take advantage of an infinite number of camera shots and angles, not available with lesser quality cameras. With the multitude of positioning possibilities, and its enhanced features, the VIZCAM 1000 can be used for viewing portraits or documents, giving presentations, videoconferencing, distance learning, and even capturing images into a computer via your current digitizer.



Weighing approximately 5 lbs, the VIZCAM 1000 can be carried easily from one location to the next making this product ideal for application sharing.



In Distance Learning and Education...

"It's great for sharing work and collaborating on new projects. That's an important part of what we do and Vizcam helps us do it better. Visual aids help students explain and understand better. It makes them better communicators."

*—Yvonne Marie Andres,
President and Director of Curriculum for
The Global Schoolhouse*

In Video Production/Business...

"With the VIZCAM and our video digitizer, we are able to import 2-D and 3-D images into our computer for video productions. Capturing images is a snap now since we can adjust the VIZCAM to virtually any position we want. The VIZCAM saves us time and is more effective than a conventional scanner because the images are captured instantly, can be framed tighter, and require less retouching. We have definitely saved valuable production time using the VIZCAM, and in our business, time is money."

—Fred Heidingsfelder, Fred Heidingsfelder & Associates, Pittsburgh, PA.



kes Canon's Vizcam 1000 The Camera of Choice.

In Multimedia/Internet...

"The VIZCAM 1000 is a multipurpose camera, and is great for our applications in the office or on the road. I spent a lot of time exploring its features and found you get very high quality results with the VIZCAM since you have the ability to adjust everything from the aperture to the shutter speed. The VIZCAM has made product shots a breeze. For example, if you had wanted to scan a product box, you'd have a really difficult time doing that with a conventional flatbed scanner. With the VIZCAM you can position the camera to take just the shot you are looking for."

—Brian Hoshi, Sales Engineer for Macromedia



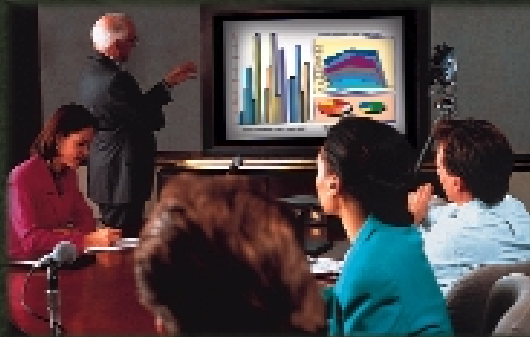
In Telemedicine...

"One important application concerns medical reviews and all these requirements for fraud and abuse. In order to minimize that possibility, documentation is the most important of any medical office. When the patient is in the examination room we use the VIZCAM to record the visit for Medicare, Medicaid, Medi Cal, PPOs, and HMOs. It's a better means of documentation than just relying on the doctor's notes."

—Dr. Ahmad Moradi, G4 Inc.

While it may not look like your typical presentation/document camera, Canon's VIZCAM provides the same high quality resolution (450TVL) as the larger document cameras, with great features and a compact portable design, making it an exceptional value. Simply plug it into any video monitor for instant sharp images, or, import images into your computer with your digitizing board.

In Presentations...

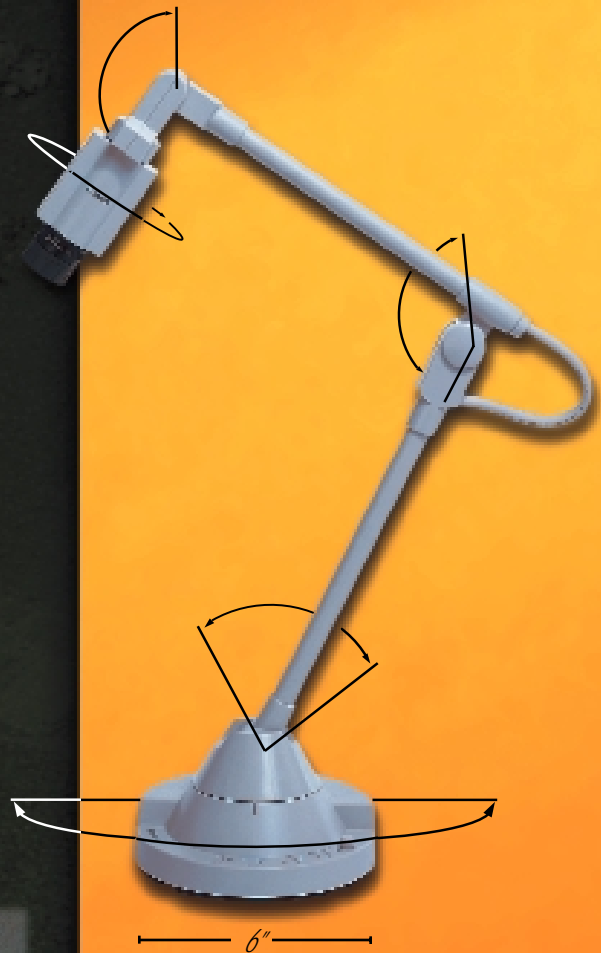


In Videoconferencing...



"The VIZCAM serves exactly the purpose we needed. Most business systems have these very large, very cumbersome document stands that take up half of a desk. What we really needed was something much more flexible, much smaller, and more compact. We went with VIZCAM, and it has met that objective superbly."

—Terry Forkner, Solutions Consultant, Ameritech



Vizcam Features:

- Provides high-resolution imaging of 450 TVL.
- 3-Axis articulated arm offers infinite positioning possibilities.
- Captures chromes/X-rays, slides and transparencies with optional lightbox.
- Displays color video images of 3-D objects, documents, and photographs.
- High quality optics and armature.
- Macro viewing, as close as 5/16".
- Unique negative/positive image conversion feature displays positive images from film.
- Lightweight (about 5 lbs.), yet built to withstand the rigors of day-to-day use.

SPECIFICATIONS

CAMERA

| | |
|--------------------------|---|
| Pickup Device: | 1/4" CCD |
| Total Pixels | 410,000 |
| Effective Pixels | 380,000 492 (V) x 768(H) |
| Horizontal Resolution | 450 TV lines (at Center) |
| Vertical Resolution | 350 TV lines (at Center) |
| Synchronization | Internal Synchronization (2:1 interlaced) |
| White Balance | Auto or Manual Adjustment |
| Electronic Shutter Speed | 1/60, 1/100 |
| Gain Control | Auto/Lock |
| Negative Conversion | Available |

OUTPUT SIGNALS

| | |
|---------------------------|---|
| Video Signal Composition | NTSC standard color video signal: RCA pin jack (yellow) Y/C separate signal: S (Y/C separation) terminal |
| Video Output Impedance | 75 Ohms |
| Video Output Signal Level | 1Vp-p (luminance signal) |
| Stereo Audio Output | (Audio Mute switch available) |
| Impedance (R,L) | 1 k ohm approximately RCA pin jack |

STEREO AUDIO INPUT SIGNALS

| | |
|------------------|---|
| Microphone Input | Minijack ø 3.5mm |
| Input Impedance | 5 k ohm approximately (No microphone power) |

LENS

| | |
|-----------------------|-------------------------|
| Focal Length | 2.9 mm |
| Focus | Manual (8mm - infinite) |
| Normal Aperture Ratio | F2.8 |
| Zoom | Fixed |
| Iris Control | Manual (F2.8 - F16) |

VIEW ANGLE

| | |
|---|--|
| Nominal Angle of View (Designed Value) | Horizontal 63 degree 39' Vertical 49 degree 56' Diagonal 75 degree 33' |
|---|--|

MOVABLE CAMERA ANGLE

| | |
|-----------------------|--|
| Pan Angle | Plus or minus 90 degree, pivot on the base |
| Tilt Angle | 3 joint arm |
| Rotatable Camera Head | Greater than 180 degrees |

DOCUMENT SIZE

| | |
|------|----------------------------|
| Min: | Postage Stamp Size |
| Max: | Letter Size (8 1/2" x 11") |

CONTROL SWITCHES

| | |
|---------------------------|----------------------------|
| Power On/Off Switch | Black Seesaw Switch |
| White Balance Adjust Knob | Volume Knob |
| Auto White Balance On/Off | Alternative On/Off Control |
| Negative/Positive Switch | Alternative On/Off Control |
| Audio mute On/Off | Alternative On/Off Control |
| AGC Lock (On/Off) | Alternative On/Off Control |
| Electronic Shutter Switch | Slide Switch |

DISPLAY LAMPS

| | |
|-------------------|-----------|
| Power Lamp | Green Led |
| White Balance | Green Led |
| Audio Mute | Green Led |
| AGC Lock (On/Off) | Green Led |

POWER

| | |
|-------------------|--|
| Input Power | 12 VDC AC adapter PA-V6 120VAC/60Hz |
| Power Consumption | 7W |

OTHER SPECIFICATIONS

| | |
|-----------------------|---------------------------------------|
| Operating Temperature | 41° F -95° F |
| Operating Humidity | 20%-85% |
| Stored Dimensions | 6" (w) x 15" (H) x 8.5" (D) |
| Weight | Approximately 5 lbs. |
| Accessories | AC adapter (PA-V6) x1 Pin Cable x1 |
| Certification | UL1310 (only for AC adapter) |
| RF Emission | FCC Class B |

VIZCAM'S CONTROL PANEL FEATURES USER-FRIENDLY FUNCTIONS:

Power On/Off

AGC Lock On/Off -

Lock the image brightness level or adjust brightness automatically.

Negative/Positive Button -

Negative film material can be converted and viewed as a positive image when captured with the camera with the negative/positive switch active.

Audio Mute On/Off -

When an auxiliary microphone is connected to the camera the sound can be active or muted.

Auto White Balance Button (On/Off) - The auto white balance feature of the camera will automatically try to produce accurate color reproduction of images being captured. Basically the camera will try its best to accurately reproduce clear accurate whites, reds, blues, and greens.

White Balance Adjust Knob -

Due to variable lighting conditions it might be best to manually adjust the white balance to reproduce clear accurate color reproduction. By placing the Auto WB in the off position the user can then manually adjust for correct color reproduction.

Electronic Shutter Switch -

Is utilized if there is problems with screen flicker. The switch should be set to the appropriate power frequency where the camera is installed.
- In areas with 60 Hz power: Set the selector to 1/60. (US users should leave the switch set to 1/60).
- In areas with 50 hz power: Set the selector to 1/100.



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For literature and the dealer nearest you, call 1-800-OK CANON.
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Visual Communication Systems Division

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