



## TeachCam® Flexible Gooseneck Camera

The TeachCam® video camera from ClearOne, formerly VideoLabs, is a full-motion, color camera, that produces sharp video images with excellent color. Using either an S-video or composite video connection, you can easily present your video images on a variety of video display devices such as TVs, plasma screens, and projectors, or record your video on a VCR. Connection to a computer requires a video capture card or a USB adapter.

### The Ultimate Teaching Tool.

In addition to outstanding video images and clear audio, the TeachCam features a built-in light source at the base of the camera—the IllumaBase®. The IllumaBase gives the TeachCam the functionality of a 35 mm slide projector and a microscope, making it an invaluable resource for science classes, art history classes, and more. When the IllumaBase is used with the included IllumaBoxes and IllumaSlides, the TeachCam can display 35 mm slides, specimen boxes and microscope slides. The TeachCam also includes a microscope adapter kit



The TeachCam teaching tool is ideal for classroom presentations and demonstrations.

with 28 mm and 34 mm couplers for easy connection to most industry standard microscopes.

The TeachCam's 27" flexible gooseneck with a swivel camera head is ideal for users of all ages, making it easy to position the camera for accurate image capture and display. And the camera's six-button keypad provides simple control of image settings.

With its built-in microphone and amplifier, the TeachCam is well equipped to capture and transmit audio for recorded demonstrations or presentations. This audio capability also makes the TeachCam a great choice for videoconferencing.

The TeachCam incorporates all the features and flexibility you need in a classroom setting:

- Built-in IllumaBase LED lighting base for viewing and presenting slides, specimen boxes, and microscope slides without using projectors or microscopes
- Flickerless mode to eliminate flicker and color hunting when the TeachCam is used with fluorescent lighting and microscopes
- Compatible with most monitors, TVs, VCRs, video capture cards, LCD and DLP projectors
- Nordic box carrying case with complete accessory package



### TeachCam at Work.

Using the TeachCam allows you to turn your classroom into a cooperative and interactive learning environment. From student experiments to instructor demonstrations, the TeachCam provides an easy way to share and record projects for enhanced learning. The TeachCam is also ideal for transmitting images and video to remote locations via videoconferencing. An excellent choice for educators, the TeachCam is easy to use and extremely reliable.

## Specifications

### Dimensions

7" x 7.5" x 29"  
(18 cm x 19 cm x 73 cm)  
Gooseneck: 27"/65 cm

### Weight

4.3 lb/1.95 kg

### Operating Temperature

14°F to 122°F/-10°C to 50°C

### Storage Temperature

-4°F to 140°F/-20°C to 60°C

### Power Supply

12VDC

### Current Consumption

300mA

### Image Sensor

1/4"/6.35 mm CCD

### Total Pixels

NTSC: 542 (H) x 492 (V)  
PAL: 542 (H) x 582 (V)

### Number of Effective Pixels

NTSC: 512 (H) x 492 (V)  
PAL: 512 (H) x 582 (V)

### Number of Scanned Lines

NTSC: 525 lines  
PAL: 625 lines

### Frames per Second (FPS)

NTSC: 30fps  
PAL: 25fps

### Resolution

Horizontal: Min. 330TVL (center area) NTSC & PAL  
Vertical: Min. 350TVL (center area) NTSC, min. 400TVL PAL

### Signal to Noise Ratio

46dB, Condition: AGC off, weight on

### Minimum Illumination

3 lux

### Lens

8 mm C-mount

### Focus Range

1/4"/6 cm to 50'/15.24 m

### Iris

Electronic

### White Balance

Auto

### Gain Control

Auto

### Sync. System

Internal only

### Audio

Integrated condenser microphone with preamplifier for line-level output

### Connectors

1 S-video output  
1 Line-level (audio) output  
1 Power input

### Video Formats

NTSC or PAL

### Camera Controls

Adjustable gain control  
Automatic or manual white balance  
Positive or negative color inversion  
Color or black and white selection  
Flickerless mode

### Included Accessories

Nordic box carrying case  
28 mm and 34 mm microscope couplers  
Custom eyepiece adapter  
Five IllumaSlides  
Two IllumaBoxes  
Camera positioning bracket  
25'/7.6 m and 6'/1.8 m S-video/audio cables  
S-video to Composite Adapter  
BNC adapter  
12VDC power supply

### Exterior Color

Black