



## StudentCam® Video Presentation Camera

The versatile StudentCam® video camera is a full-motion, color camera that produces sharp video images with excellent color. The StudentCam easily connects to TVs, plasma screens, and projectors, allowing projects and experiments to be displayed for class discussion or as part of a student presentation. Using a USB adapter or video capture card, students can also connect the StudentCam to a computer to capture and edit video or still images.

### Enhanced Learning Environments

The StudentCam includes 26, 28 and 34 mm microscope couplers, for quick connection to most industry standard classroom microscopes. Student can conduct experiments or labs and then create multi-media reports for classroom presentations or VCR recordings. The StudentCam is the ideal tool for labs on a variety of topics including image processing, color and lighting effects, and topography. For more learning activities and a list of resources, visit the ClearOne web site.



The StudentCam is an extraordinary tool that is ideal for any classroom environment.

The StudentCam's flexible gooseneck design with swivel camera head is ideal for student users—making it easy to position the camera for accurate image capture and display. The StudentCam also features low light sensitivity (3 lux) and can precisely display images or small objects under most lighting conditions.

A video codec connected to the StudentCam makes it possible to transmit images or live video feeds to remote classrooms. Line-level audio is provided by the StudentCam's integrated microphone and preamplifier.

The StudentCam incorporates all the features and flexibility students need in a classroom setting:

- New flickerless mode eliminates flicker and color hunting when the StudentCam is used with fluorescent lighting and microscopes
- New two-button brightness control on the base of the camera for easy adjustments
- Compatible with most monitors, TVs, VCRs, video capture cards, LCD and DLP projectors
- Includes 26, 28 and 34 mm microscope couplers to easily connect to most standard microscopes
- Connects to a video codec to share presentations with distant learning facilities

### StudentCam at Work

The StudentCam is an exciting way to enhance the learning experience. Using this innovative tool, students can record or display experiments, share images with remote classrooms or even connect to a microscope. When you connect the StudentCam to a computer, it can be used for creating and editing digital pictures and movies. The StudentCam is ideal for any classroom environment, from kindergarten to college.

## Specifications

### Dimensions (DxWxH)

7" x 7.5" x 22"  
(18 cm x 19 cm x 56 cm)  
Gooseneck: 20" (50.8 cm)

### Weight

4.2 lb (1.9 kg)

### Operating Temperature

14° – 122° F (-10 – 50° C)

### Storage Temperature

-4° – 140° F (-20° – 60° C)

### Power Supply

12 VDC

### Current Consumption

300 mA

### Image Sensor

1/4" (6.35 mm) CCD

### Total Pixels

410 K

### Number of Effective Pixels

NTSC: 768 (H) x 492 (V)  
PAL: 752 (H) x 512 (V)

### Number of Scanned Lines

NTSC: 525 lines  
PAL: 625 lines

### Frames per Second (FPS)

NTSC: 30 fps  
PAL: 25 fps

### Resolution

Horizontal  
NTSC, PAL: Min. 480 TVL (center area)  
Vertical  
NTSC, PAL: Min. 480 TVL (center area)

### Signal to Noise Ratio

46dB, Condition: AGC off, weight on

### Minimum Illumination

1.5 lux at F2.0

### Lens

8 mm C-mount

### Focus Range

1/4" – 50' (.6 cm – 5.24 m)

### Iris

Electronic

### 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 brightness control  
Flickerless mode

### Included Accessories

26 mm, 28 mm and 34 mm  
microscope couplers  
Custom eyepiece adapter  
20' (7.6 m) and 6' (1.8 m)  
S-video/audio cables  
S-video to Composite Adapter  
12 VDC power supply

### Exterior Color

Black

### Part Number

910-171-120