



StudentCam®

Flexible Gooseneck Camera

The StudentCam® video camera from ClearOne, formerly VideoLabs, 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 28 and 34 mm microscope couplers, for quick connection to most industry standard classroom microscopes. Student can conduct experiments or labs and then create multimedia 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.



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.



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 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

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 to 122°F/-10 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

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

28 mm and 34 mm microscope couplers
25'/7.6 m and 6'/1.8 m S-video/audio cables
S-video to Composite Adapter
12VDC power supply

Exterior Color

Black