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Educam Video Camera

SECTION 12

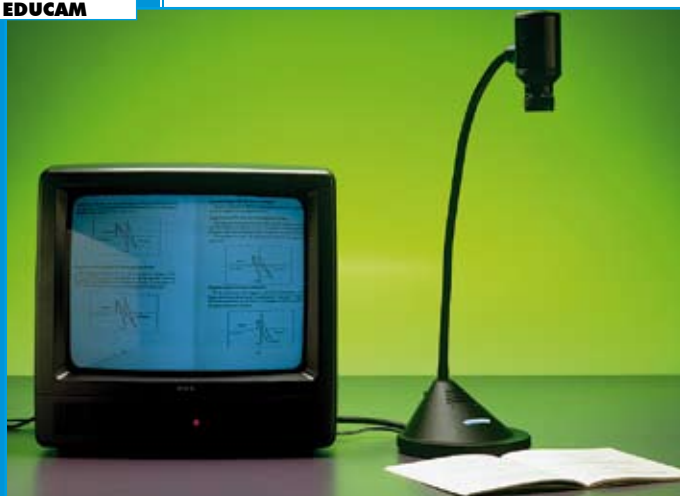
AUDIO-VISUAL ITEMS

EDUCAM VIDEO CAMERAS

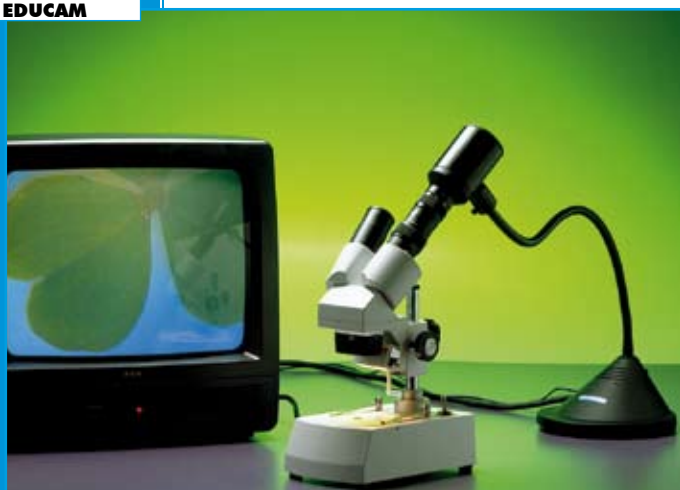
EDUCAM



EDUCAM



EDUCAM



EDUCAM



Educam video cameras are instruments especially designed to satisfy different educational requirements. When linked to a professional screen or simply to a tv, Educam cameras perform the functions of several apparatus. They can be used for the following applications:

- as opaque projector, for the reproduction of texts, documents, pictures, etc.
 - as enlarger, to magnify small objects, insects, minerals, etc.
 - as a video microscopy system which can be connected both to biological and stereo microscopes
 - as an overhead projector, for the projection of transparent sheets
 - as a camera for teleconference, for pc and internet connection
 - as a camera for video-conference, for conferences, assemblies, conventions, etc.
 - as a camera for the production of films, thanks to a videorecorder.
- These cameras permit neat shoots even in conditions of scarce illumination, thanks to the sensibility of their electronic circuits. The special objective permits a focusing from 0,76 mm to an infinite distance. At the base there is an high sensibility microphone (only in multimedia models) which, through the tv or through an autonomous amplification device, allows the reproduction of the teacher's voice during the lesson, or the record of sounds and noises of surrounding environment. The audio circuit can be disconnected through a dual function switch. The special flexible arm measuring 50 cm or 65 cm, and the weight of the base (approximately 2,7 kg), make the Educam versatile, sturdy and stable instruments. The microcamera at the top of the flexible arm can be positioned in different ways, even embossed to the base, without compromising the stability of the system. A special coupling allows the rotation of the head avoiding the break of the connectors in the flexible arm. All the models are equipped with external power unit and with double adapter for video microscopy (for biological and stereo microscopes). The following five models of Educam cameras are available.

4083 Educam multimedia

By adopting a 1/3" ccd sensor, it is possible to obtain better performances. Outstanding image quality ; it is possible to amplify sounds and noise thanks to the built-in microphone. Good compromise between a flexible use and a compact instruments thanks to a flexible, 50 cm long arm .

4083.1 Educam "Multimedia pro"

Same features of the "multimedia" model, but with a more flexible use due to the adoption of a 65 cm long, flexible arm.

4083.2 Educam "Student"

Same features of the multimedia model, but without microphone. Flexible arm: 50 cm.

4083.3 Educam "Student pro"

Same features of the "Student" model, but with a greater flexibility of use due to the adoption of a 65 cm long, flexible arm.

4083.5 Educam "Microscopy"

This model has been designed to be used with microscopes. Without flexible arm and stand base, this model can be used as mobile video camera too.


4083.5

4083.5


IT IS NOT NECESSARY TO BUY SPECIAL ADAPTORS TO USE EDUCAM VIDEO CAMERAS WITH ALL OUR MICROSCOPES

Technical specification of Educam models:

| | MULTIMEDIA 4083 | MULTIMEDIA PRO 4083.1 | STUDENT 4083.2 | STUDENT PRO 4083.3 | MICROSCOPY 4083.5 |
|--------------------------------|----------------------------|----------------------------------|---------------------------|-------------------------------|------------------------------|
| CCD element | 1/3" | 1/3" | 1/4" | 1/4" | 1/4" |
| Resolution (TV lines) | 380 | 380 | 330 | 330 | 330 |
| Total pixels | 290.000 | 290.000 | 270.000 | 270.000 | 270.000 |
| Signal/noise ratio | >48 dB | >48dB | >48dB | >48dB | >48 dB |
| Sensitivity (lux/F:1.2) | 1 lux | 1 lux | 1,5 | 1,5 | 1,5 |
| Electronic shutter | yes | yes | yes | yes | yes |
| Automatic gain control | yes | yes | yes | yes | yes |
| White balance (auto) | yes | yes | yes | yes | yes |
| Video signal | PAL (NTSC opt.) | PAL (NTSC opt.) | PAL (NTSC opt.) | PAL (NTSC opt.) | PAL (NTSC opt.) |
| Working distance | >0,76 cm | >0,76 cm | >0,76 cm | >0,76 cm | >0,76 cm |
| Objective | 8 mm | 8 mm | 8 mm | 8 mm | 8 mm |
| Magnifications | > 90x | > 90x | > 90x | > 90x | > 90x |
| Microphone | yes | yes | none | none | none |
| Audio signal analogic analogic | --- | --- | --- | --- | --- |
| Voltage | 12Vdc | 12Vdc | 12Vdc | 12Vdc | 12Vdc |
| Power adapter 220/12Vdc | included | included | included | included | included |
| Flexible arm lenght | 50 cm | 65 cm | 50 cm | 65 cm | ----- |
| Base diameter | 17 cm | 17 cm | 17 cm | 17 cm | ----- |
| Weight | 3,4 Kg | 3,5 Kg | 3,3 Kg | 3,4 Kg | 0,4 Kg |
| Microscope adaptors | included | included | included | included | included |

OVERHEAD PROJECTORS

A4XLS



A4XLS "Standard" overhead projector

High resolution objective with 1 lens with 285 mm focus; 24V/250W halogen lamp, with lamp change and a second equipment lamp. The arm's height can be adjusted and it can be folded completely to transport it. Adjustable, objective-holding head with folding mirror. 3000 lumen. Lighting system colors control. Working surface: 285x285 mm. Projection distance: 1,5 - 3,2 m. Power supply: 220/230V, 50 Hz, consume: 300W.

400GLS "Junior" overhead projector

High resolution objective with 3 lenses with 320 mm focus, 24V/250W halogen lamp with lamp change and a second equipment lamp. 2200 lumen. Lighting system colors control. The arm's height can be adjusted and it can be folded completely to transport it. Adjustable, objective-holding head with folding mirror. Projection distance: 1,5 - 3,2 m. Working surface: 285x285 mm. Power supply: 220/230V, 50 Hz. Consume: 450W.

CLS "Sava" mobile overhead projector

High resolution objective with 3 lenses, with 280 - 320 mm variable focus objective and 4V/250W halogen lamp, with lamp change and a second equipment lamp. 2400 lumen. The arm and the objective stand can be folded. 285x285 mm working surface, with reflecting surface. Projection distance :1,5 - 3,5 m. With case to transport it. Power supply: 220/230V, 50 Hz; consume: 300W.

CLS

