



The EDUCAM® video camera is especially designed to meet the various requirements in the educational field. When it is connected to a professional monitor or simply to a TV set, EDUCAM® is able to carry out many different functions.

It can be used as an episcopes, for the reproduction of texts, documents, photographs - as an enlarger, to enlarge small objects, insects, minerals - for video-microscopy, connected to microscopes used in Biology or to stereo-microscopes - as an overhead projector, for the projection of drawings - as a camera for teleconferences - as a camera for conferences, assemblies, meetings - as a camera for filming, with the help of a video recorder. Its ultra-high sensitivity enables to record clearly even when there is little light available.

The special lens enables you to focus from 0,76 mm, up to an infinite distance. An extremely sensitive microphone (only on Multimedia models), captures

the teacher's voice during the lesson, or sounds and noises from the surrounding area, that can be heard via the TV itself, or via a separate amplifying system.

The microphone can be switched off if required.

The special 50 or 65cm flexible arm (12mm dia.) and the heavy weight of the base (approx. 2.7 Kg), make EDUCAM® versatile, sturdy and stable at the same time.

The CCD camera is placed on the end of the flexible arm that can be safely twisted in any position, even projecting from the base, without affecting the system stability. A special joint allows the head to rotate without damaging the wires inside the flexible arm. All models are equipped with an external power supply and dual adapter for video-microscopy (for biological and stereo microscopes).

For the connection to a PC, an USB video grabber is available as option (see next page, CONV-USB video grabber).

Technical Features	MULTIMEDIA 4083	MULTIMEDIA PRO 4083.1	STUDENT 4083.2	STUDENT PRO 4083.3	MIC 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 mm	>0,76 mm	>0,76 mm	>0,76 mm	>0,76 mm
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 adapters	included	included	included	included	included