



CCD
cameras

 **euromex[®]**

The Euromex analogue VC.xxxx series cameras together with the optional software offer the perfect solution to modern microscopy in secondary and high schools, industry and the passionate amateur. These cameras can be used for either biological, metallurgical or stereomicroscopes. The cameras are equipped with very sensitive devices for bright and dark field applications as well for phase contrast and with coaxial illumination. The objective of these user-friendly camera's fits on a standard 23.2 mm trinocular or binocular microscope tube and with the use of optional adapters to 30 and 30.5mm tubes

VC.xxxx CAMERA'S WITH CCD COLOUR SENSOR FOR MICROSCOPY

VC.1010



VC.3011



VC.3032



Part number	VC.1000	VC.1010	VC.3011	VC.3022	VC.3032
Sensor	1/3" CCD	1/3" CCD	1/3" CCD	1/3" CCD	1/2" CDD
Number of lines	380	380	380	480	580
Number of pixels	297.984	297.984	291.000	437.664	473.820
Objective connection	CS	CS	C/CS	C/CS	C/CS
Composite BNC output	Yes	Yes	Yes	Yes	Yes
S-video output	No	No	No	No	No
Functions:					
White balance	Auto	Auto	Auto	Auto	Auto/Manual
On screen Display	No	No	No	No	Yes (3)
Delivered with:					
AE.5015 objective (2)	Yes	Yes	No	No	No
Composite BNC/BNC cable	Yes	Yes	Yes	Yes	Yes
Composite BNC -Scart cable	No	No	Yes	Yes	Yes
S-video (Y/C) cable	No	No	No	Yes	Yes
Mini video grabber card (4)	Yes	Option	Option	Option	Option

(1) All cameras are delivered with power supply, cables, robust carrying case for camera and accessories

(2) The AE.5015 objective fits to a standard 23.2 mm tube

(3) The On Screen Display function displays a menu with settings for the camera direct on screen

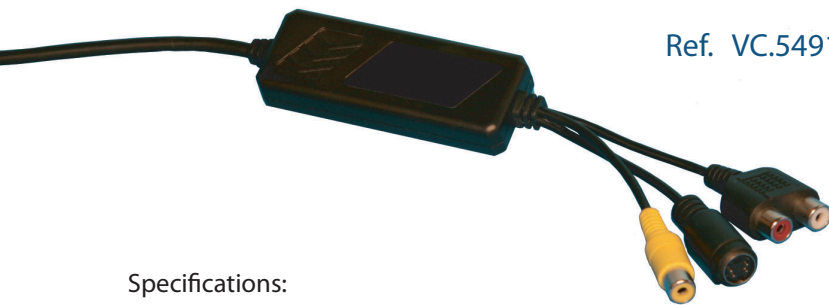
(4) The mini video grabber card is delivered with software for registration of pictures and movies. The cameras are connected via the C of CS mounts using the VC.5015 and other of the optional objectives mentioned in this brochure

Options:

- VC.5015 Universal objective with CS mount for 23.2 mm tube
- AE.5017 Universal objective with C mount for trinocular tube for microscopes van the F and G series (23.2 mm)
- AE.5018 Universal objective with C mount for trinocular tube for microscopes van the Z and E (23.2 mm)
- VC.5059 0.45x objective for 23.2 mm tube
- VC.5063 0.70x objective for 23.2 mm tube
- VC.1045 Adapter for 30.5 mm tubes for stereomicroscopes
- DC.1330 Adapter for 30 mm tubes for stereomicroscopes

MINI USB-2 VIDEO GRABBER

Ref. VC.5491



This mini USB-2 video grabber converts composite or a S-video signal from any analogue camera into digital images and sends them to a computer via a USB 2 connection

Specifications:

Video input: composite and S-video (Y/C)
Audio input: Cinch connection - stereo right/left
Fixed image resolution: 640x480 pixels in BMP, JPG or TIFF format
Video images: in AVI, MPEG-2, MPEG-4, VCD, SVCD, and WMV
Video resolution: 730 x 480, 640 x 480, 640 x 240, 320 x 240 pixels
Video system: PAL, SECAM or NTSC

Power supply: 5 Vdc, max 330 mA via USB-2 port
Dimensions L 81 mm x W 30 mm x H 15mm

Minimum requirements:

PC Pentium 4, 1 GHz,
128 MB RAM internal memory

A free USB-2 port

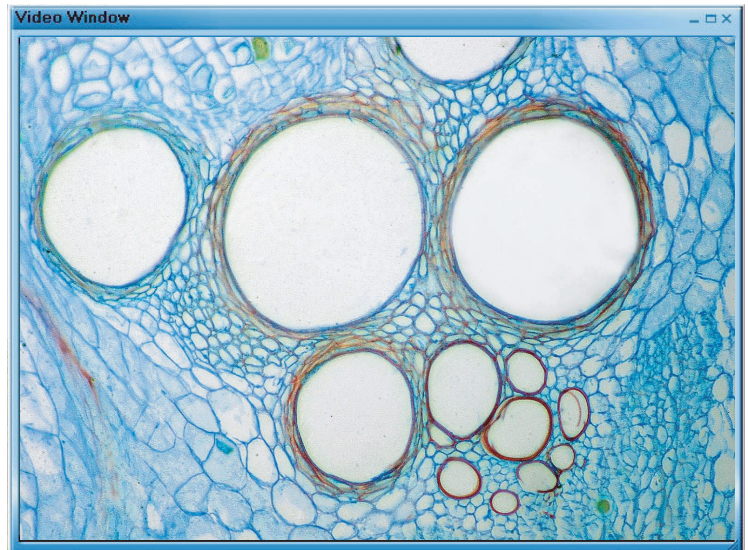
Operating system:

Windows 2000 SP3

Windows XP SP1 or higher

Windows Vista or Windows 7

Sound card



Software of the mini USB-2 video grabber card



Saving pictures in BMP, JPG or TIFF format

Saving video movies in AVI, MPEG-2, MPEG-4, VCD, SVCD or WMV format

Settings: brightness, contrast, hue and saturation



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