

SPECTRAL

integrated camera and light source

The SPECTRAL camera and light source incorporates a compact and easy to handle 1 chip camera system. This is combined with a high intensity metal halide light source with a lamp lifetime of approx. 2'500 hours. Additionally Spectral comes with a digital USB 2.0 output port. This computer interface allows unlimited possibilities of digital image and video processing at a fair price.

The electronics integrated in the camera head provide optimized image quality like a 3-CCD camera. The camera head / TV adapter has been optimized according to ergonomic aspects.

Part no. > 4494 SPECTRAL camera and light source



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Data camera

- > Camera electronics integrated in camera head
- > anti moiree filter
- > TV-system PAL 625 lines, sensor 1/3" CCD-chip, 440000 active pixel, 2:1 interlaced
- > Video output: S-video (Y-C), composite (FBAS) and USB 2.0
- > Protection class: BF / CE-mark, approved according EN 60601-1
- > Power: 110 V / 230 V ~, 50/60 Hz, 2VA
- > Camera head: weight 180 g, soakable (without connector)

Data light source

- > 50 W metal halid lamp
- > Lamp lifetime approx. 2'500 hours
- > Colour temperature 4'500° Kelvin
- > Stepless adjustment for diaphragm

Without anti moiree filter



With anti moiree filter



Anti moiree

This feature is in particular very usefull when the camera is attached to image bundle endoscopes. This eliminates artifacts occuring through the combination of camera technology and fiber image bundles. Besides, with this model it is possible to detach the TV-adapter to direct adapt c-mount endoscopes.

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