

CCD CAMERA FOR ENDOSCOPY

OP-1428

SUPERIOR IMAGE QUALITY

- User-friendly
- High resolution
- Digital video output



USB and SDI
DIGITAL
VIDEO
OUTPUT



OPTOMIC
producing quality

The OP-1428 camera is widely used in numerous medical applications, where an excellent color reproduction and a notable image quality are essential. Thanks to the camera's DSP technology, the specialist can rely on a perfect performance.

CCD CAMERA FOR ENDOSCOPY **OP-1428**

The ALC system (Automatic Light Control) prevents the appearance of areas of over exposure on the screen, and keeps a perfectly illuminated image.

The front panel offers easy adjustment of the white balance (manually or automatically), as well as the level of brightness, to meet the preference of the specialist.

The unit has 3 predefined memories for its use with rigid endoscopes, flexible endoscopes or microscopes/colposcopes. Depending on the selected option, the different parameters are automatically set for each particular use.

	OP-1428
Digital Signal Processor (DSP)	√
Image sensor	1 CCD 1/3"
Non-conductive and water proof camera head	√
Cable length	3 meters
High resolution:	490 TV lines
ADC	10 bit
High sensibility	2 lux min
Video outputs:	2 x VBS (composite video) 2 x Y/C (S-Video) 1 x Y/Pb/Pr
Digital video output	USB 2.0 / SDI
Shutter speed:	up to 1/100.000 sec.
On screen display (OSD)	√
Automatic white balance system	√
Manual colour control (red-blue)	√
Electronic light control (ELC)	√
Brightness control	√
Predefined memories for Endoscope, Fiberscope and Microscope/Colposcope	√
Window function	√
Back light compensation system	√
Endoscopic adaptor	√
TV system	PAL or NTSC
Mains voltages:	100-240VAC, 50-60Hz
Weight:	4.650 gr.
Dimensions: (length) x (width) x (height)	350mm x 320mm x 75mm
Power consumption	45w



The OP-1428 incorporates a USB 2.0 video output for a quick and direct connection to the PC, enabling the doctor to work with the obtained images in digital format.



Specifications are subject to change without notice

