

CCD CAMERA FOR ENDOSCOPY

OP-714

SUPERIOR IMAGE QUALITY

- High performance
- Digital image control
- High resolution



**FIREWIRE
DIGITAL
OUTPUT**
IEEE 1394

(Optional)



OPTOMIC
producing quality

The OPTOMIC OP-714 camera series for endoscopy are widely used in medical applications for both diagnosis and surgery, where superior image quality is essential. Thanks to their DSP technology based processor, the cameras offer high performance and a precise adjustment of the different parameters on which the specialist can rely.

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The camera is very easy to operate as it is fully automatic. The ALC system (Automatic Light Control) prevents the appearance of areas of over exposure on the screen, and keeps a perfectly illuminated image. The camera has automatic white balance control.

The model OP-714 DV offers the additional feature of digital video output (IEEE 1394-Firewire), enabling a direct connection to the PC, without requiring the use of digital video capturing cards. It is not necessary to install a driver.

	OP-714	OP-714 DV
Digital Signal Processor (DSP)		√
Image sensor	1CCD 1/3"	
Non-conductive and water proof camera head		√
Cable length	3meters	
High resolution	490 TV lines	
ADC	10 bit	
High sensibility	1 lux min	
Video outputs	1 x VBS (composite video) 1 x Y/C (S-Video)	
Digital video output (IEEE 1394-Firewire)	-	√
Data transference range (ILINK)	-	√
25m BPS,PAL 4:2:0 / NTSC 4:1:1		
Shutter speed	up to 1/100.000 seg.	
Automatic white balance system		√
Electronic light control (ELC)		√
Window function		√
Back light compensation system		√
Endoscopic adaptor		√
TV systems	PAL o NTSC	
Mains voltages	100-240VAC, 50-60Hz	
Weight:	4.400 gr.	
Dimensions: length x width x height	350mm x 320mm x 75mm	
Power consumption	45w	



Specifications are subject to change without notice

