

CCD CAMERA FOR ENDOSCOPY

OP-714

SUPERIOR IMAGE QUALITY

- High performance
- Digital image control
- High resolution



producing quality

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

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The user-friendly interface of the OP-714 camera makes it very easy to operate. The device is fully automatic featuring an Automatic Light Control system (ALC) that ensures optimum images with enhanced color reproduction.

It is equipped with a standard C-mount coupler for quick connection of endoscopes.

The light and ergonomic camera head incorporates two convenient push buttons for white balance and freeze function.



Digital Signal Processor (DSP)	√
Image sensor	1 CCD 1/3"
Non-conductive and water proof camera head	√ (IPX7 Protection grade)
Cable length	3 meters
High resolution	600 TV lines
ADC	12 bit
High sensibility	3 lux min
Video outputs	2 x Composite video 1 x Y/C (S-Video) 1 x RGB/SYNC
Shutter speed	up to 1/10.000 seg.
Automatic white balance system	√
Electronic light control (ELC)	√
Window function	√
Back light compensation system	√
Endoscopic adaptor	f=18mm
Optional endoscopic adaptor	zoom 16-32mm
Camera head	2 buttons (White balance and Freeze)
TV systems	PAL or NTSC
Mains voltages	100-240VAC, 50-60Hz
Weight	4.500 gr.
Dimensions: length x width x height	29cm x 32cm x 7cm
Power consumption	35VA



OPTOMIC ESPAÑA S.A.

Madroño, 4. E-28770 Colmenar Viejo, Madrid, Spain
 Tel: +34 91 804 44 44 • Fax: +34 91 803 84 14
 export@optomic.com • www.optomic.com



Specifications are subject to change without notice