

ESSE 3 Q'750

economic model of Single-chip CCD cameras for endoscope applications.

Italian design, Germany technology

DIGITAL VIDEO CCD CAMERA



HIGH VIDEO IMAGE QUALITY

NATURAL COLOR DISPLAY FOR ALL ENDOSCOPE REQUIREMENTS

FOR ALL RIGID AND FLEXIBLE FIBERSCOPE(OPTIONAL) APPLICATION

BLV---BLOOD LUMINACE VESSEL

Full Digital Signal processing guarantees true color reproduction with outstanding features and options. The 1/3 inch high resolution CCD -chip and the fast acting control electronic ensures the best image quality, high clarity and sharp detailed reproduction during the operation or inspection.

The high-sensitivity microlens CCD a high-speed-shutter allow optimal image display under extreme illumination situations. Different options increase the variety of different applications. CCD connection lines can be immersed in a disinfectant solution and with high-flexibility.

WHITE BALANCE(AWB)

With Balance is done automatically via push-button.

BLV---BLOOD LUMINACE VESSEL

With integrated BLV function allows the more sharper and clear image of the vessel display.

TECHNIAL DATA

Video system:	PAL/NTSC(Optional)
CCD sensor :	1/3 inch with 480.000 pixel
Video resolution	480 TV lines
Shutter control:	Automatic
Shutter range :	1/50sec---100.000sec
Sensitivity:	0.9lux(f=1.4)
Gain Control:	Automatic
Output:	2xVideo
Power-supply:	220VAC or 110VAC (Optional)
Dimensions:	(WxHxD) 300x90x280
Weight:	3.5 KG
Head:	C-mount thread immersable 3 meter, high flexible
Adaptor:	Fully water-proof
Class/Type:	1/BF

Accessories:

TV-Adaptor/Rigid endoscopes (with Quick-lock)—Water-Proof
Fixed focus length: f:18mm/ f:22mm/ f:28mm/f:33mm

TV-Adaptor/Flexible Fiberscope(As optional)

Fixed focus length: f:20mm

Available for Pentax/ Olympus/ Fujinon

Delivery contains:

CCU, Camera head with 3 meters cable
Mains cable
Video cable
Software
User Manual



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