



ITALY & GERMANY

## ES-CAM1C+HD

1 Chip-Color-Camera for endoscopic applications  
with Zoom function



# ES-CAM1C+HD

The cutting-edge 1CCD HD camera delivers extremely clear and sharp image in full high definition standard by using a 1 chip HD solution. Even the finest details in tissue structures are distinguishable. The camera offer all necessary feature for surgical use such as digital zoom, freeze as well as digital edge enhancement.

Via multifunctional push-buttons on the camera head it is possible to control more than two camera functions.



ES-CAM1C+HD camera head is a very small and light weightedly designed.

A wide range of different TV-adapters can be attached to the C-mount thread to choose the best focus length to the procedure.

- **1/3CCD HD**  
1/3 CCD HD image sensor for full high defination use
- **HD Resolution**  
Full HD resolution 1920x1080 pixels ( 16:9)
- **Progressive Scan**  
Progressive scan 1080P
- **Mode Settings**  
Five Endoscope settings for using different type of endoscopes
- **Digital Zoom**  
2.5X digital zoom and freeze function
- **Monitor Solution**  
Can be used with 16:9 monitor also 5: 4 monitor
- **STERILISATION**  
Camera head with cable and connector ( using attached cap) can be immersed in a disinfectant solution.

## DIGITAL 1-CCD HD VIDEO CAMERA

### Technical Data

Video system	50HZ( EU) / 60HZ ( US) mode
Image sensor	1/3 Chip HD
Scanning system	Progressive on HD
Output pixels	1920x1080
Resolution	900TV lines
S/N	54 dB
Shutter control	1/50 to 1/500000
Sensitivity	<11x
Main distance focus	13.8 mm
Output	1x DVI-D 1 x RGB 2 x S-video 2 x Composite Video
Settings	On Screen Menu
Power supply	110- 240VAC
Power watt	26 Watts
Dimensions ( WxHxD )	CCU 353 x 103 x 356 Head 33x35x83 mm
Weight	CCU 4.5 KGS Head 120g
Head	C-Mount thread, immersable two push-buttons for remote high flexible
Cable	3 meters
Class/Type	1/BF
Manufactured and tested acc	IEC 601-1/CE EN 60601-1 93/42 ECC

### Delivery contains

CCU, camera head with 3 meter cable  
Mains cable  
RGB cable, S-video cable, DVI-D cable, BNC cable  
User manual



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