

# Digital Video Camera

## ENDO *Cam* 100

**ENDOMED**  
S Y S T E M S



This single chip high sensitivity **ENDO *Cam* 100** provides a high quality output. The console is equipped with an OSD, zoom and a recording function. A capture system can optionally be added. In this model the camera head can be controlled by a keyboard.

The light and ergonomic camera head facilitates the performance of surgical endoscopic procedures. The camera head can be equipped with push buttons.

- Multilingual on-screen-menu
- Digital Zoom
- Camera Control with Keyboard
- Character generator

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### EndoMed Systems Camera

Item No.	Description
800000	Video camera with 1 CCD chip
800001	Video camera with 1 CCD chip, with freeze function

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## ENDO *Cam* 100



### Technical Specifications

Device	ENDO <i>Cam</i> 100
Dimensions (WxHxD)	355 x 103 x 253 mm
Weight	4.4 Kg
Power Supply	100-240 V AC, 50-60 Hz
Fuses	2 Fine fuses, 5 x 20 mm, delay acting 3,15 AH (I=1500A)
Power Consumption	20 VA
Image Resolution	PAL 752 x 582/ NTSC 768 x 494
TV Resolution	> 470 lines
Sensitivity	< 1 lux (1/1.4)
White Balance	White balance automatically, with data hold shutter speed PAL (NTSC): 1/50 (1/60) to 1/100.000 sec
Safety Class	Protection class: I Application part: Type BF
CE Standard	Classification acc. 93/42/EEC: I EN ISO 13485   93/42/EEC   IEC 601-1, EN 60601-1C
Video System	
Type	PAL/NTSC
Camera Head	Aspect ratio: 4:3
Image Sensor	Image sensor: 1/3" CCD, Immersible (using the attached cap)
Video out terminal	2x Video; 2x S-Video; 1x Y-Pb-Pr (Component); 1x SDI; 1x USB 2.0
Delivery Contains	CCU, camera head with 3m cable, mains cable, user manual, Y/C cable, BNC cable
Options	
Freeze Function	Freeze the image via footswitch
Camera Head	
Size	d= 29 mm; l= 55 mm
Weight	80 g
Environmental Conditions	
Temperature (Operation)	+10°C to +40°C
Temperature (Storage)	-20° C to +45°C
Max. relative humidity	During operation: 70% During storage and transport: 70%

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