

# Digital Video Camera

## ENDO *Cam* 100S

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



This single chip high sensitivity **ENDO *Cam* 100S** 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 ergonomically designed 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

### ENDO *Cam* 100S

### EndoMed Systems Camera

Item No.	Description
800010	Video camera with 1 CCD chip, on-screen-display, menu, title generator option PS/2, capture module (image, video), HDMI output, zoom function
800011	Video camera with 1 CCD chip, on-screen-display, menu, title generator option PS/2, without capture module (image, video), HDMI output, zoom function
800012	Video camera with 1 CCD chip, on-screen-display, menu, title generator option PS/2, capture module (image, video), without HDMI output, zoom function
800013	Video camera with 1 CCD chip, on-screen-display, menu, title generator option PS/2, without capture module (image, video), without HDMI output, zoom function

EndoMed Systems GmbH  
88214 Ravensburg, Germany  
www.endomed.com

Tel.: +49 (0)751 35978 0  
Fax: +49 (0)751 35978 102  
email@endomed.com



# Digital Video Camera

## ENDO *Cam* 100S



### Technical Specifications

Device	ENDO <i>Cam</i> 100S
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, 5x20 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	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, HDMI - DVI cable (optional), HDMI cable (optional), USB Stick (optional)
Options	
Freeze function	Freeze the image via footswitch
Remote camera head	With programmable push buttons (zoom, freeze)
Remote footswitch	With programmable push buttons
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%
Camera Head	
Size	d= 29 mm; l= 55 mm
Weight	80 g
Without push buttons: Weight: 80 g Size: d=29 mm; l=55 mm	With push buttons: Weight: 105 g Size: d= 34 mm; l= 73 mm



EndoMed Systems GmbH  
88214 Ravensburg, Germany  
www.endomed.com

Tel.: +49 (0)751 35978 0  
Fax: +49 (0)751 35978 102  
email@endomed.com

