

# Digital Video Camera

## ENDO *Cam* 4K

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S Y S T E M S



This 3-MOS-chip ultra-high definition **ENDO *Cam* 4K** provides a 4K UHD video output, is the top of the range on the market. The console is equipped with HDMI 4K, SDI 4K output, zoom, freeze function and OSD.

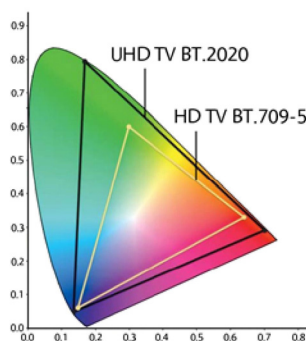
The light and ergonomic camera head facilitates the performance of surgical endoscopic procedures.

- Full HD resolution
- Fog reduction
- High-speed Shutter
- Multilingual menu
- Remote camera head

### ENDO *Cam* 4K

### EndoMed Systems Camera

Item No.	Description
800060	Video camera with 3-MOS chip 4K-UHD, with OSD and freeze function and zoom



The camera is able to reproduce the extended color space BT.2020 in addition to the BT.709 color space for HDTV. (Prerequisite is a BT.2020 compatible monitor)

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

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



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## ENDO *Cam* 4K



### Technical Specifications

Device	ENDO <i>Cam</i> 4K
Dimensions (WxHxD)	355 x 103 x 350 mm
Weight	6.2 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	60 VA
Camera	
Image Resolution	UHD (3840 x 2160)
TV resolution	1600 lines
Sensitivity	54dB
White balance	White balance automatically, with data hold
Safety class	Protection class: I Application part: Type BF
CE Standard	Classification acc. 93/42/EEC: I EN ISO 13485   93/42/EEC   IEC 60601-1-2
Features	White balance, boost function, on-screen-menu, 10 user settings storable, 2.5 digital zoom, freeze function, character generator
Video System	
Type	PAL/NTSC
Camera head	Aspect ratio: 16:9
Image sensor	3 MOS Immersible (using the attached cap)
Video out terminal	1 x HDMI 4K (3840 x 2160) 1 x HDMI Full HD (1920 x 1080) 1 x SDI 4K (4 x BNC) (3840 x 2160) 1 x SDI Full HD (1 x BNC) (1920 x 1080)
Other Connections	1x USB (A) (USB-keyboard) 1 x Remote IN (footswitch) 1x Remote OUT (video printer, video recorder,...) 2 x RJ45 (service interface)
Delivery contains	CCU, camera head with 3,05m cable, mains cable, HDMI cable, user manual
Options	
Optional accessories	Waterproof keyboard, Footswitch
Features	Image capture (1920 x 1080), video capture, mpeg4 (1920 x 1080)
Camera Head	
Size	Size: d= 43 mm; l= 85.7 mm
Weight	200 g
Push Buttons	4
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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