

4K Camera ENDO FOCUS 4K



This 3-CMOS ultra-high definition **ENDO FOCUS 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.

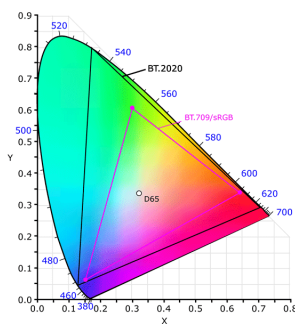
The light and ergonomic camera head facilitates the performance of surgical endoscopic procedures.

- 4K resolution
- Fog reduction
- High-speed Shutter
- Multilingual menu
- Remote Camera Head
- On screen menu
- 10 user settings
- 2.5x digital zoom
- Freeze function
- Image & video capture and recording
- FULL HD USB recorder

ENDO FOCUS 4K

EndoMed Systems Camera

Item No.	Description
800061	ENDO FOCUS 4K, 3-CMOS chip 4K UHD, with USB storage and Remote Camera Head
800062	Remote Camera Head for ENDO FOCUS 4K



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)

4K Camera

ENDO FOCUS 4K

Technical Specifications

Device	ENDO FOCUS 4K
Dimensions (WxHxD)	355 x 103 x 350 mm
Weight	approx. 6.2 Kg
Power Supply	100-240 V AC, 50-60 Hz
Fuses	2 fine fuses, 5 x 20 mm, T3.15 A
Power Consumption	60 VA
Camera	
Image Resolution	UHD 3840 x 2160
TV Resolution	> 1600 lines
Sensitivity	< 3 lux (1/1.4)
White Balance	Automatic white balance, 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, image capture : FULL HD (1920 x 1080), video capture : MPEG 4, FULL HD (1920 x 1080)
Video System	
Camera Head	Aspect ratio: 16:9
Image Sensor	3-CMOS Immersible (using the attached cap)
Video out terminal	1 x HDMI 4K (3840 x 2160) 1 x HDMI Full HD (1920 x 1080) 4 x 3G SDI (3840 x 2160) 1 x 3G SDI (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 3,05 m cable, mains cable, HDMI cable, user manual
Options	
Optional Accessories	Waterproof keyboard, Footswitch
Camera Head	
Size	d= 43 mm; l= 85.7 mm
Weight	approx. 200 g
Features	With 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%