

EROND ENDOSCOPY CAMERA

A single chip full high definition camera



The EROND endoscopy camera delivers extremely clear and sharp image in full high definition standard. With modern image processing technology, the camera makes the finest details in tissue structures distinguishable.

The camera offers all necessary features for surgical use such as digital zoom, freeze, digital edge enhancement, and etc.

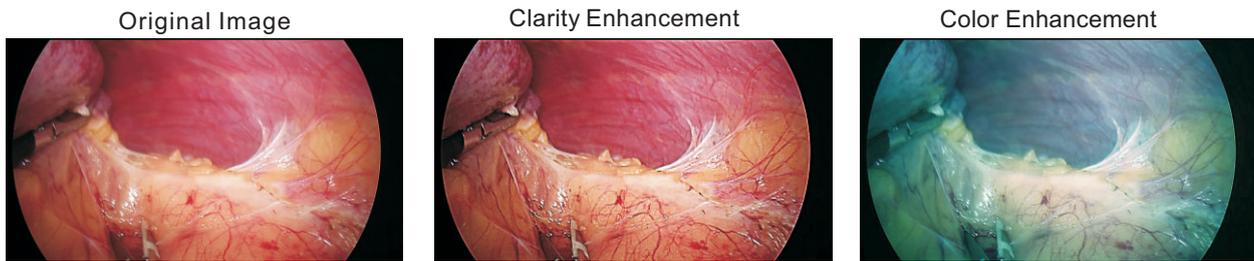
Key features:

- 1/3" image sensor for full high definition use
- Full HD resolution 1920 x 1080 pixels (16:9)
- High sensitivity requires less light from illumination
- New image enhancement functions on clarity and color
- High interference immunity from electrosurgery
- Digital filters for using with fiber flexible scope
- Full digital chain achieved on DVI-D, HDMI*, or 3G-SDI digital output
- Up to 2.5x digital zoom function and freeze function
- Mirror, flip, rotation function
- Full HD resolution video recording and image capturing (optional)

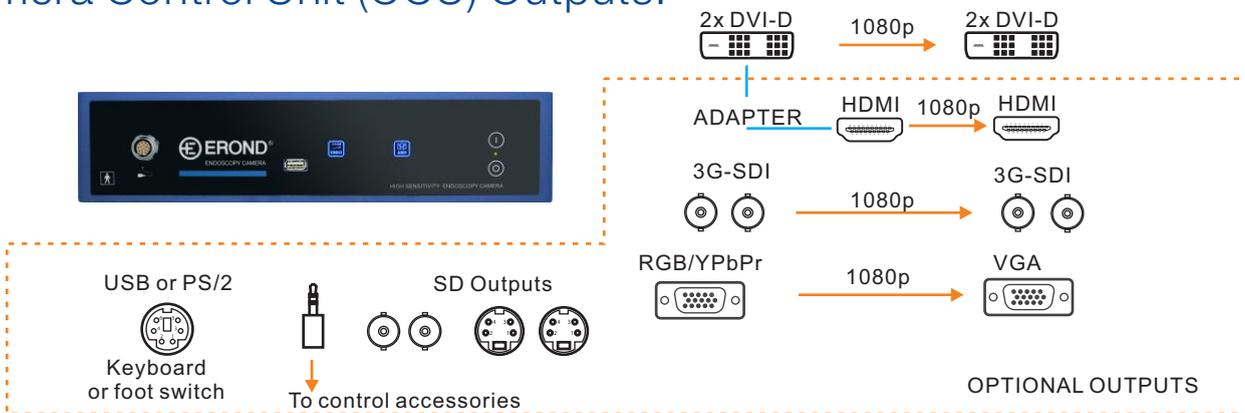
* HDMI support via adapter



Advanced Image Enhancement



Camera Control Unit (CCU) Outputs:



Technical data:

Video system	50Hz/ 60Hz Mode
Image sensor	1/3" HD CHIP
Scanning system	Progressive
Output pixels	1920(H)×1080(V)
User settings	5
Frame rate	50p (EU)/60p (US)
Keyboard Support	Yes (via USB)
Foot switch support	Optional
Accessories control	Yes (via 3.5mm Jack output)
Output signal	2x DVI-D
(SDI Optional)	2x Digital HD/3G-SDI
(Analog HD Option)	1x Analog RGB or Y/Pb/Pr
(Analog SD Option)	2xS-video on Mini-Din 4 2xComposite Video
Advanced settings	By On Screen Display (OSD) Rs232 (on request)
Environment	0°C - +40°C temperature less than 90% relative humidity
Classification	Class I/BF

CAMERA HEAD

Dimensions (WxHxD)	33 × 35 x 83 mm
Weight	100 g
Lens connection	C-mount
Cable length	3 meters
Sterilization	Soakable, IPX7
Control buttons	3

CONTROL UNIT

Dimensions (W×H×D)	325 × 74 × 365 mm
Weight	5.1 kg
Protection class	IP20
Line voltage	100-240VAC @ 50-60 Hz
Fuse	2× T 1.0 A E / 250V (IEC 127)
Power tested acc. to	UL2601-1, EN60601-1, IEC60601-1-2

Specifications, design and accessories are subject to change without any notice or obligation on the part of the manufacturer.



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