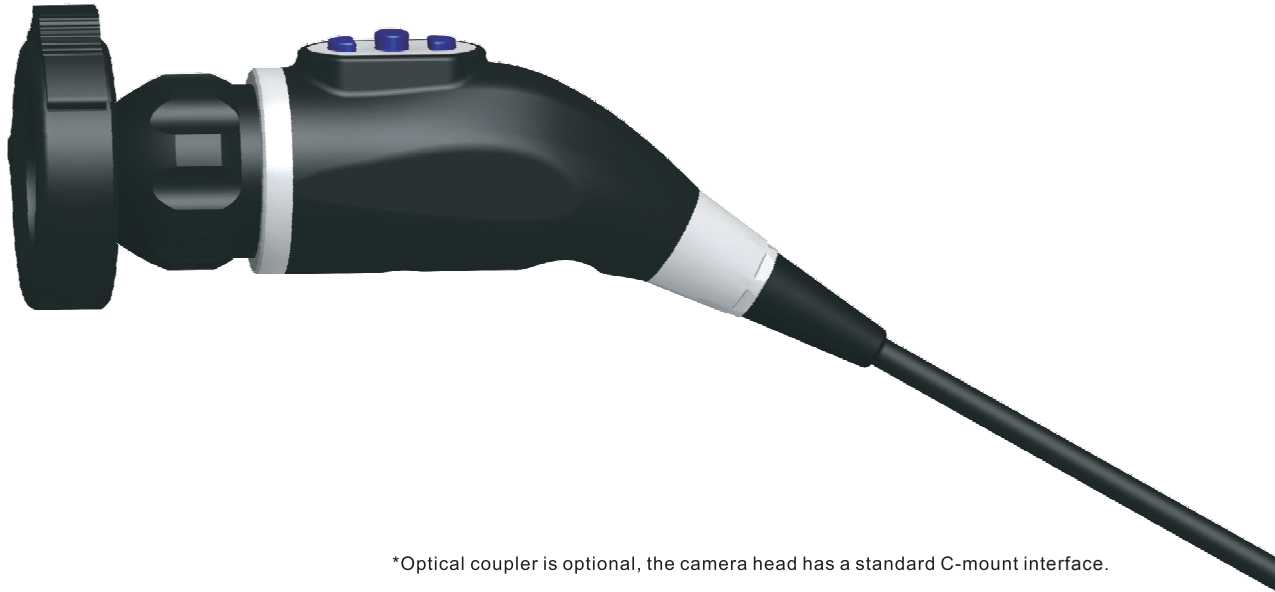


6160 HD Endoscopy Camera

A single chip full high definition camera



*Optical coupler is optional, the camera head has a standard C-mount interface.

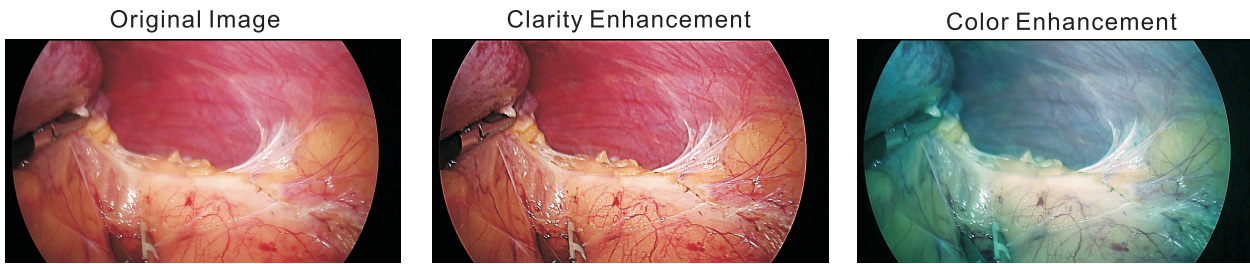
The 6160 camera delivers extremely clear and sharp image in full high definition standard. With modern image processing technology, the camera makes the finest details in tissue structures distinguishable. The camera offers all necessary features for surgical use such as digital zoom, freeze, digital edge enhancement, and etc.

KEY FEATURES:

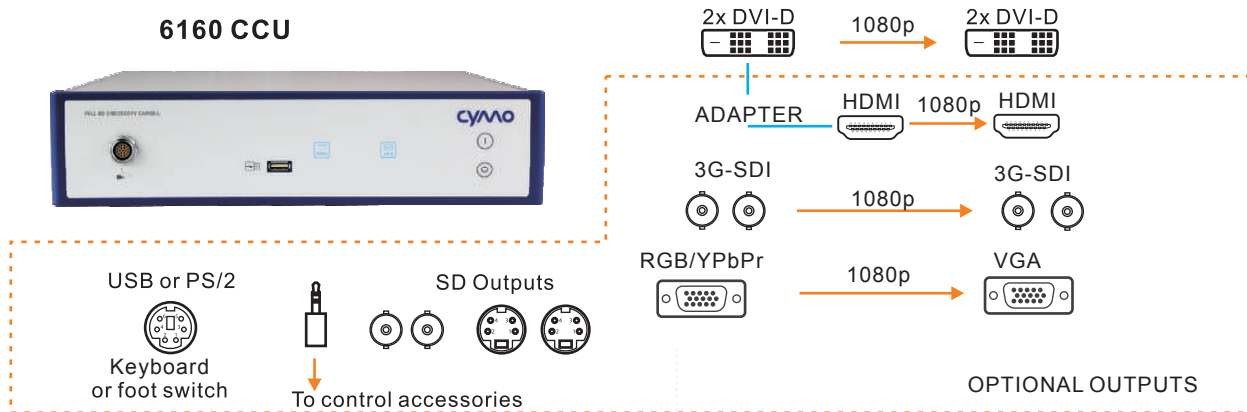
- ■ ■ 1/3" image sensor for full high definition use
- ■ ■ Full HD resolution 1920 x 1080 pixels (16:9)
- ■ ■ High sensitivity requires less light from illumination
- ■ ■ New image enhancement functions on clarity and color
- ■ ■ High interference immunity from electrosurgery
- ■ ■ Digital filters for using with fiber flexible scope
- ■ ■ Full digital chain achieved on DVI-D, HDMI⁽¹⁾, 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)

Note: ⁽¹⁾ HDMI support via an adapter

Advanced Image Enhancement



Camera Control Unit (CCU) Outputs:



TECHNICAL DATA

Video system	50Hz/ 60Hz Selectable	CAMERA HEAD	
Image sensor	1/3" HD CHIP	Dimensions (W×H×D)	33 × 35 x 83 mm
Scanning system	Progressive	Weight	100 g
Output pixels	1920(H)×1080(V)	Lens connection	C-mount
User settings	5	Cable length	3 meters
Frame rate	50p (EU) / 60p (US)	Protection class	Soakable, IPX7
Keyboard Support	Yes (via USB)	Control buttons	3
Foot switch support	Optional	CONTROL UNIT	
Accessories control	Yes (via 3.5mm Jack output)	Dimensions (W×H×D)	325 × 74 × 365 mm
Output signal	2x DVI-D	Weight	5.1 kg
(SDI Optional)	2x Digital HD/3G-SDI	Protection class	IP20
(Analog HD Option)	1x Analog RGB or Y/Pb/Pr	Line voltage	100-240VAC @ 50-60 Hz
(Analog SD Option)	2xS-video on Mini-Din 4 2xComposite Video	Fuse	2 × T 1.0 A E / 250V (IEC 127)
Advanced settings	By On Screen Display (OSD) Rs232 (on request)	Power tested acc.to	UL2601-1, EN60601-1, IEC60601-1-2
Environment	0°C - +40°C temperature less than 90% relative humidity	ORDERING DATA	
Classification	Class I / BF	6160.02.02	6160 camera head
		6160.02.01	6160 Control Unit
		6160.12.01	6160 Control Unit with recording option

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