

6698 HD Endoscopy Camera

A professional 3Chip full high definition camera



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

6698 HD endoscopy camera is the latest version of the high definition endoscopy camera, which delivers the clearest, sharpest picture. With the native progressive scan the camera provides the sharpest detail with incomparable natural color rendition at the highest spatial and temporal resolution. Even the finest variations in tissue structures are distinguishable.

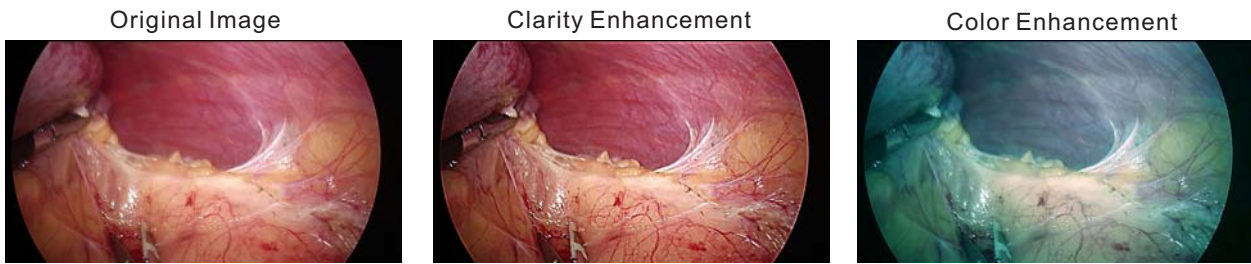
6698 camera will definitely enhance the capabilities of surgeons performing minimally invasive procedures.

KEY FEATURES:

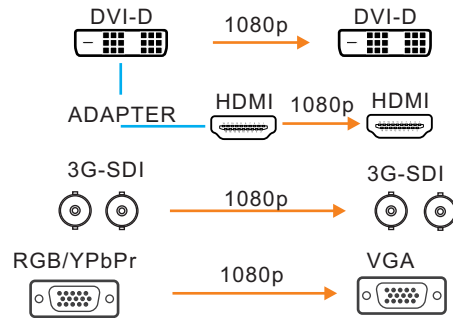
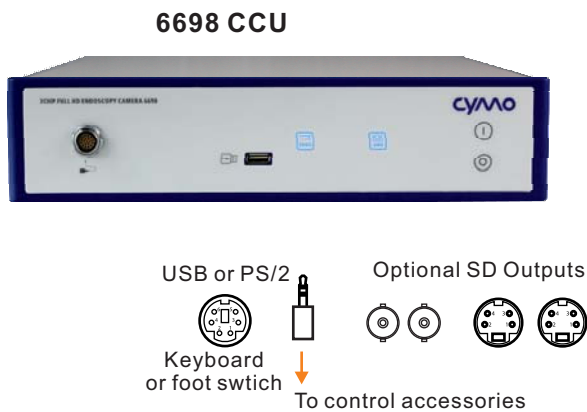
- ■ ■ 3x Full HD image sensors with more than 6Mega effective pixels in total
- ■ ■ High sensitivity requires less light from illumination
- ■ ■ New image enhancement functions on clarity and color
- ■ ■ High interference immunity from electrosurgery
- ■ ■ Flexible filters for using with fiber flexible 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
- ■ ■ Full HD resolution video recording and image capturing (optional)
- ■ ■ Silicon cable for extra flexibility and sterilization stability
- ■ ■ Metal camera head housing for high durability

Note: (1) HDMI support via included adapter.

Advanced Image Enhancement



Camera Control Unit (CCU) Outputs:



TECHNICAL DATA

Video system 50Hz/ 60Hz Selectable

Image sensor 3 x 1/3" CHIP

Scanning system Progressive

Effective pixels 3 x 1920(H)×1080(V)

Resolution > 1000TV Lines

Signal-to-noise ratio ≥ 56dB

Sensitivity F11 standard(2000lux) 50Hz

User settings 5

Frame rate 50p (EU) / 59.94p (US)

Output signal
 2x DVI-D or HDMI
 2x Digital 3G-SDI
 1x Analog RGB or Y/Pb/Pr
 2xS-video on Mini-Din 4
 2xComposite Video

Advanced settings By On Screen Display (OSD)
 Rs232 (on request)

Environment 0°C - +35°C temperature
 less than 90% relative humidity

Classification CE Class I / BF

CAMERA HEAD

Dimensions (W×H×D) 34 × 42× 58 mm

Weight 90 g

Lens connection C-mount

Cable length 3 meters

Protection 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

ORDERING DATA

6698.02.02 6698 camera head

6698.02.01 6698 camera control unit

6698.12.01 6698 camera control unit with recording

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