

vitra® S Endoscopy Camera

HD endoscopy camera



The vitra® S Endoscopy camera is a mini but ultra-high sensitive endoscopy camera. With the latest CMOS technology, the camera provides much higher sensitivity compared to conventional CCD or CMOS cameras. This substantially reduces the requirements of the light source. The camera incorporates a 18bit digital image processor which offers superior colour rendition and a high dynamic range. The excellent price-benefit ratio makes the vitra® S camera an ideal tool for portable endoscopy use.



Highlights:

- Full HD output resolution 1920 x 1080 pixels (16:9)**
- High sensitivity requires less light from illumination**
- Advanced image processing for better image quality**
- Digital filters for use with fiber flexible scope**
- Glass top on controller for easy cleaning**
- Silicon cable for extra flexibility and sterilization stability**
- Metal camera head housing for high durability**

Advanced Image Enhancement

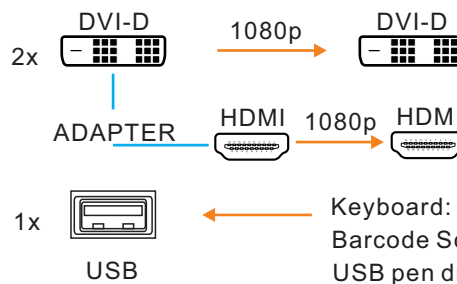
Original Image



Clarity Enhancement



Camera Control Unit (CCU) Outputs:



Keyboard: Patient I.D. / parameter adjustment
Barcode Scanner: Patient I.D.
USB pen drive: parameter backup / service

TECHNICAL DATA

Video system	50Hz/ 60Hz Mode
Image sensor	1/3" HD CHIP
Scanning system	Progressive
Output pixels	1920(H)×1080(V)
Window settings	Large, medium, small
Frame rate	50p (EU) / 60p (US)
Keyboard Support	Yes (via USB)
Output signal	2x DVI-D
Advanced settings	By On Screen Display (OSD)
Environment	0°C - +35°C temperature less than 90% relative humidity
Classification	Class I / BF

CAMERA HEAD

Dimensions	Ø37 × 68 mm
Weight	90 g
Lens connection	C-mount
Cable length	2.95 meters
Sterilization	Soakable (not on plug)

CONTROL UNIT

Dimensions (W×H×D)	145 × 32 × 145 mm
Weight	0.5 kg
Protection class	IP20
Power Adapter	100 -240VAC @ 50-60 Hz
Power consumption	30VA

ORDERING DATA

1180.02.02	vitra® S Camera Head
1180.02.01	vitra® S Camera Control Unit

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