



Brilliant pictures at top conditions!
For all diagnostic systems within the
endoscopy, minimal invasive surgery, ENT,
radiology etc.

NEW!!!

ESSE 3 MONITORS

HD 720p
1080i



PRODUCT DESCRIPTION



ITALY DESIGN & JAPAN TECHNOLOGY

NEW!!!

**17 & 19 Inch
ES-1710 & 1910**

HIGH DEFINATION MEDICAL LCD MONITOR



www.4ci.com

ES-1710 ES-1910

The ES 1710 & 1910 are 17 & 19 inch surgical Color display monitor that offers a versatile display solution for all endoscopic application (Rigid & Flexible) . The high resolution monitor delivers excellent contrasts and color depth, helping surgeries and inspection to make more informed decisions and perform the operation with maximum precision and efficiency.

Thanks to the user-friendly Zoom functionality views from multiple input signals can easily to be combined on a single screen, resulting in optimum efficiency.

The ES 1710 & 1910 offer the fastest image transmission and the highest medical quality imaging available today. Enhanced with the outstanding image processing algorithms, such as motion adaptive de-interlacing and noise reduction, the ES 1710 & 1910 deliver artifact- and lag-free images at all times.

The near-patient display has been developed to meet the most stringent patient safety requirements for sterile operating room environments. The monitor's fanless design avoids the spread of contaminants and anesthetics.

Features

- User profiles
- LED bright lighting conditions, high contrast maintains even in dark areas of the surgery
- 1xZoom, 2xZoom,PIP Func
- Anti-reflective protective front cover
- Fan-less design
- Housing-chemical cleaning resistance

Order Info

Monitor unit : 17 Inch ----ES-1710
19 Inch ----ES-1910

Monitor stand: EST-100

TECHNICAL DATA

LCD Panel

Technology :	TFT Active Matrix LCD
Native resolution (HxW) :	1280x1024
Active screen diagonal :	19inches / 17inches
Display Dot Area :	376.32x301.056 mm / 337.92x270.336mm
Pixel Pitch :	0.294 mm
Aspect :	5:4 & 4:3

Visual Characteristics

Brightness :	600cd/m2
Contract ratio (typical) :	800:1
Viewing angle (CR>20) :	178 Degrees
Display Functions :	Gamma, DICOM
Response time :	8ms

Connectivity and control

Analog video inputs :	◆1x universal 5 BNC Configurable for: RGBHV, RGBS, RGsB, Component Video(YCrCb) ◆2x S-video (Y/C) ◆1xVGA (DB15)—RGB Sync composite ◆1xS-Video (4-pin mini DIN) ◆1xSDI (BNC)
Digital video inputs :	DVI-I

Supported resolutions:

Horizontal scan frequencies :	15-100Hz
Vertical scan frequencies :	50-120Hz
Bandwidth :	165 MHz
Computer Graphics formats :	VGA up to UXGA video formats: PAL, NTSC 3.85 §4.43, DVI(1080i, 1030i, 720p, 480i/p)

Power requirement

External DC power supply :	90-264VAC
Display :	20-24VDC
Power consumption :	80 Watt max

Physical characteristics

Display dimensions (WxHxD) :	427x356x81mm
Display weight :	8kg
Operating temperature :	0-40 Degree
Operating Humidity :	30-85%
Storage Temperature :	-20-50 Degree
Storage Humidity :	0-90%

Delivery contains: Cables, AC Adaptor, Power cable, all connections include DVI

COMPLIANCE & CERTIFICATIONS

EN 60601; MDD 93/42/EEC; CE; ISO 9001:2000 and ISO 13485:2003; Class I Medical Device;



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