



Image Systems 24" Surgical LCD

24"

Because it has to be right

- Full-HD resolution (up to 1080 p)
- HD-SDI interface
- True flat panel design with full IP65 glass front
- DICOM® preset
- Multiple analog & digital video I/Os

The **Image Systems FP2401SURG** display is the answer by Canvys to the increasing need of high definition medical images in surgical suites.

The **FP2401SURG** has a 24" TFT display with a short response time, wide viewing angle, high contrast ratio and full 1080p high-definition resolution provides stunning detail.

The unique design of the display with a full IP65 sealed glass front and aluminum housing allows for easy cleaning and disinfection – making it ideal for healthcare environments.



iimage systems

Specifications & Features

Features

- Full IP65 protected glass front
- Input source selection with soft touch buttons on the front side
- Programmable user preferences
- RS232 remote control
- Auto new timing search for VGA and RGB input
- Picture in picture and picture by picture
- DICOM[®] gamma correction for viewing PACS images
- Comprehensive image setting features like color temperature and gamma correction
- Advanced image processing algorithms such as noise reduction and motion adaptive deinterlacing
- Loop through for all video signals
- High quality BNC connectors for video signals prevent losing of the cables by oversight
- External 24V DC power supply or internal 110-230V AC power supply
- VESA 100 mounting
- Medical safety and EMC approvals

Series Model / Type	FP2401SURG
Panel size/type	24" TFT active matrix LCD, anti-glare and hard coated
Pixel dimension	0.270 × 0.270 mm
Resolution	1920 × 1200, 1920 × 1080
Scaling	Best Fit, Fit Width, Fit Height, Overscreen 1:1, 4:3, 16:9, 16:10
Response time	6.5 ms(Tr)+6.5ms(Tf)=13ms typical
Contrast ratio	1000:1 typical
Brightness	400 cd/m ² typical
Viewing Angle (H / V)	178° / 178°
Display colors	16.7M (8 bits)
Active display area	518.4 × 324.0 mm
Digital input	Standard DVI/HDMI connector
Analog input	Video: 0.7Vpp/75 ohm, Sync: Separate TTL level. Composite Sync or sync on green, Hor: 30~92 KHz, Ver: 50~85 Hz
Signal input connectors	VGA / DVI / HDMI / Composite/S Video/RGBS (or Y PbPr) / SDI-HD, RS232 remote control
Signal output connectors	Composite/S Video/RGBS (or Y PbPr) / SDI-HD
Plug & play	VESA DDC2B
Options	Tilt, swivel and height three ways adjustable stand base
Dimensions (W × H × D)	585 × 540 × 236mm (with stand)
Weight	Net: 11 kg (with stand)
Power supply	Internal power supply input: 100~250Vac, 3A, 60/50Hz or external AC/DC adaptor input: 100~250Vac, 3A, 60/50Hz, universal Output: 24V, 6.2A.
Power consumption	On:~100 W; active off: ~ 13 W
Power management	EPA Energy Star compliant
Agency approval	UL60601-1, CSA C22.2 NO. 601.1, CB (IEC60601-1) FCC, CE



Interfaces

Full IP65 glass front