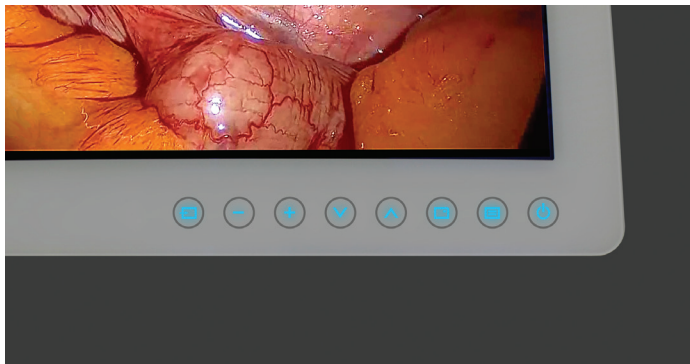


## 24" HD LED Medical Display

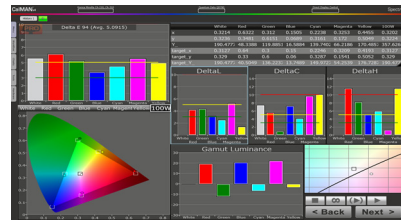
FS-P2404D is ideal for showing ultra-clear endoscopic, fluoroscopic, ultrasound, or other live surgical video content in a sterile environment. Multi-modality settings allow for flexible screen layouts, such as picture-by-picture, using individual video signals. FS-P2404D features front filter technology that provides higher brightness, higher contrast ratio, and minimized glare. Flush-front glass with touch interface control is easy to clean and facilitates fast procedure turnaround.

- Integrated operating room ready
- Manufactured with FSN's medical-grade quality and reliability
- Compatible with major MIS camera systems
- Calibrated for surgical color and gray scale reproduction
- Extensive video connections allow for device compatibility
- Exceptionally clear image accurately displays surgical content
- Constructed with flush-front glass for better cleaning and sterilization practices

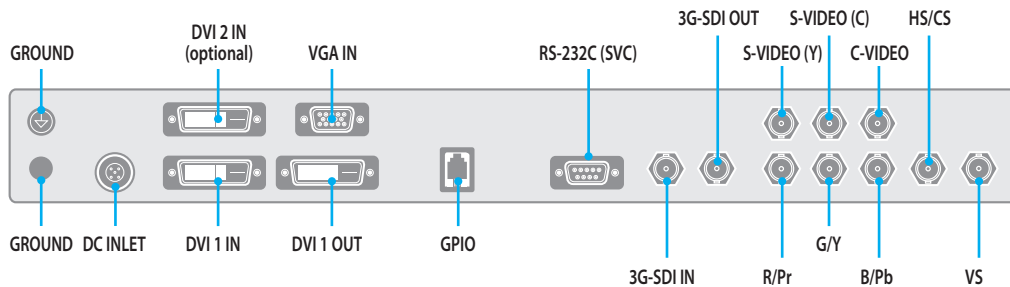


The input/output video options on FS-P2404D include DVI-D and 3G-SDI. Additional inputs for C-Video, S-Video, Component, and VGA help to increase compatibility. Like all FSN displays, this unit features rapid signal detection of video sources found in the OR, and can satisfy the need for smooth, artifact-free medical images.

### Accurate Color Reproduction



FSN has implemented methods to fine-tune the properties of our displays. Distinct color space settings have been calibrated to well-known surgical color preferences.



FS-P2404D input/output signal connection panel.

## Specifications

### General Features

Item	Description
Panel	24 inch TFT LCD (LED)
Resolution	1920 x 1200 pixels
Aspect Ratio	16 : 10
Active Area	518.4 X 324.0 mm
Input Signal	1 x DVI-D 1 1 x DVI-D 2 (optional) 1 x VGA (D-sub) 1 x SD/HD/3G-SDI (BNC) 1 x C-Video (BNC) 1 x S-Video (Y/C) (2 x BNC) 1 x Component (RGBS, YPbPr) (5 x BNC)
Output Signal	1 x DVI-D, 1 x SD/HD/3G-SDI (BNC)
GPIO port	Swap, PIP / PBP1 / PBP2 Select, Record indicator
Power Supply	AC/DC Adaptor (AC 100~240V, DC 24V 5A)
Control Key	Power, Menu, PIP, Up, Down, Plus, Minus, Input
Unit Dimension	575.4(W) x 392(H) x 82(D) mm 22.66(W) x 15.43(H) x 3.23(D) inch
Average Brightness	400 cd/m <sup>2</sup>
Response Time (G-to-G)	10 ms (typ. rise time)
Viewing Angle (CR>10)	R/L 178, U/D 178
Weight	7.5 kg, 16.53 lbs (without I/O cover)
Contrast Ratio	1500 : 1 typical
Pixel Pitch	0.27 x 0.27 mm

### Output Signal Timing

Output Signal	Type	Description
DVI	Type	Digital RGB
	Signal Format	TMDS single link
	Connector	DVI-D
SDI	SMPTE-424M	1080p
	SMPTE-292M	720p, 1080i
	SMPTE-259M	480i, 576i

### Input Signal Timing

Input Signal	Type	Description
VGA, Component Video	Type	Analog RGB, Analog YPbPr
	Connector	DSUB-15 (VGA), BNC (Component)
	Level	0.7Vp-p ±5% (1.0Vp-p for sync embedded G/Y)
	Polarity	Positive
	Impedance	75 ohm ±5%
	Horizontal frequency	30 ~ 93KHz
	Vertical frequency	50 ~ 85Hz
	Applicable maximum pixel frequency	170MHz
	Max. resolution	1920x1200 / 60Hz (154MHz Timing, Non-CRT)
	VGA, Component Sync	Type
Level		TTL Level (V high ≥2.0V, V low ≤0.8V)
Polarity		Positive or Negative
Range		Automatic synchronization for applicable resolution modes which follows industrial standard within frequency range of 30 to 93KHz in horizontal and 50 to 85Hz in vertical
Terminal resistance		more than 2KΩ
DVI	Type	Digital RGB
	Signal Format	TMDS single link
	Connector	DVI-D
C-Video	Type	Analog composite video
	Color system	NTSC, PAL
	Connector	BNC
S-Video	Type	Analog Y/C Separated Video
	Color system	NTSC, PAL
	Connector	Mini-DIN
SDI	SMPTE-424M	1080p
	SMPTE-292M	720p, 1080i
	SMPTE-259M	480i, 576i



FSN has developed a process to further improve picture quality, and applied it to FS-P2404D. These LCD panels use enhanced bonding technology and show an improvement in contrast ratio and brightness, plus improved humidity resistance and breakage resistance.

