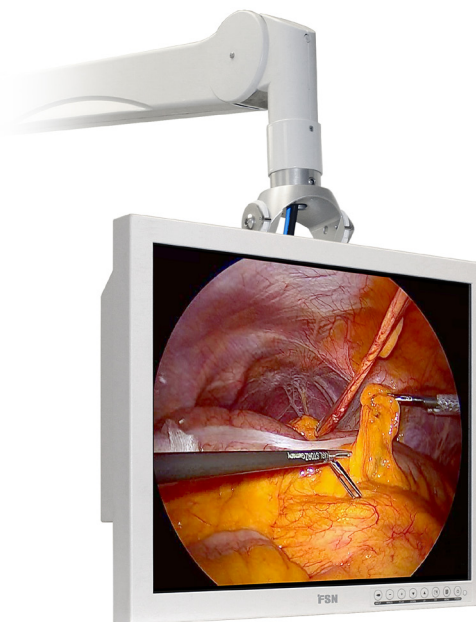


19" High-Bright LED Medical Display

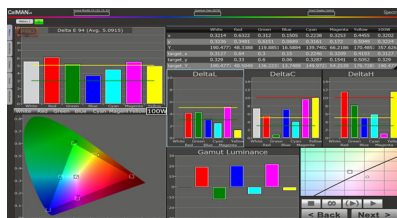
FS-Y1901D is a cost-effective solution that delivers all of the features required for digital HD visualization in the surgical environment. It is part of the FSN family of advanced visual integration components for surgery, designed to give medical professionals the clearest images, and complete control of video signals in the OR. User preset modes allow customized profiles (color settings, screen layouts) to be stored and recalled later.

- Specifically designed for displaying surgical images
- Compact size
- Back cover plate helps cleanly manage cables and wires
- Exceptional image quality
- Multi-modality image display for medical applications
- Designed and manufactured for use in the medical OR
- Longer life, cool temperature LED backlight

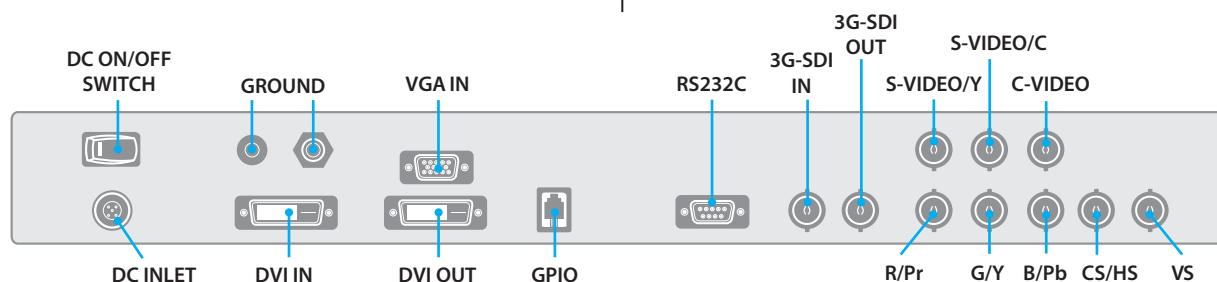


19" HD medical display monitors from FSN offer a rich set of features coupled with exceptional value. The size of these units promotes maneuverability and versatility, ideal for limited spaces. Match these display monitors with other FSN integration components for superior visualization technology.

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.

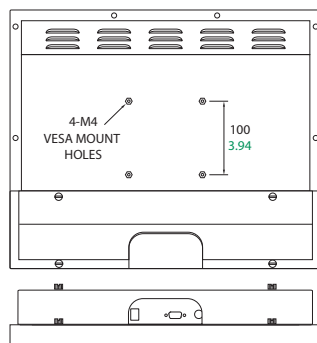
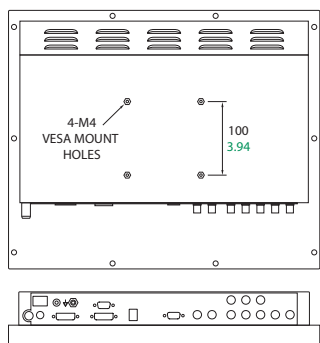
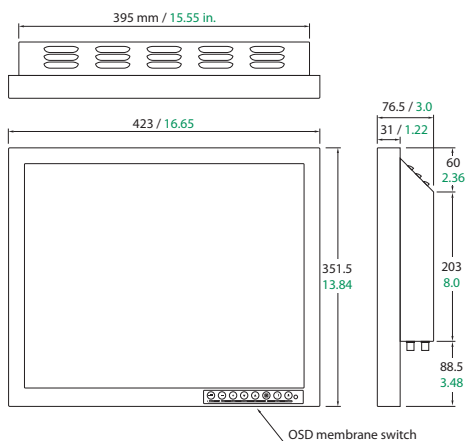


FSN displays have the connections you need. All major inputs are accepted via the back side connection panel.

Specifications

General Features

Item	Description
Panel	19 inch TFT LCD (IPS)
Resolution	1280 x 1024 pixel
Aspect Ratio	5 : 4
Active Area	376.32 X 301.06 mm
Input Signal	1 x DVI-D 1 x VGA (D-sub) 1 x SD/HD/3G-SDI (BNC) 1 x C-Video (BNC) 2 x S-Video (Y/C) (BNC) 1 x Component (RGBS, YPbPr) (5 x BNC)
GPIO port	Swap, PIP / PBP1 / PBP2 Select, Record indicator
Output Signal	1 x DVI-D 1 x SD/HD/3G-SDI (BNC)
Power Supply	AC/DC Adaptor (AC 100~240V, DC 12V 7A)
Control Key	Power, Menu, PIP, Up, Down, Plus, Minus, Input
Unit Dimension	423 (W) x 351.5 (H) x 76.5 (D) mm 16.65 (W) x 13.84 (H) x 3.0 (D) inch
Average Brightness	500 cd/ m2
Response Time (G-to-G)	25 ms
Viewing Angle (CR>10)	R/L 170, U/D 170
Weight	5.8 kg, 12.79 lbs
Contrast Ratio	800 : 1 Typical
Pixel Pitch	0.294(W)mm x 0.294(H)mm



Signal Timing

Input Signal	Type	Description
VGA Video	Type	Analog RGB
	Connector	DSUB-15
	Level	0.7Vp-p $\pm 5\%$
	Polarity	Positive
	Impedance	75 ohm $\pm 5\%$
	Horizontal frequency	30 ~ 93KHz
	Vertical frequency	50 ~ 85Hz
	Applicable maximum pixel frequency	170MHz
	Recommended resolution	1280x1024 / 75Hz
	Maximum resolution	1920x1080 / 60Hz (148.5MHz Timing, NON-CRT)
VGA Sync	Type	Separate H/V sync, Composite H/V sync, Sync On Green Automatic synchronization without external switch
	Level	TTL Level (V high $\geq 2.0V$, V low $\leq 0.8V$)
	Polarity	Positive or Negative
	Range	Automatic synchronization for applicable resolution modes which follows industrial standard within frequency range of 30 to 81KHz in horizontal and 50 to 85Hz in vertical
	Terminal resistance	more than 2K Ω
DVI	Type	Digital RGB
	Signal Format	TMDS single link
	Connector	DVI-D
CVBS	Type	C-Video
	Color system	NTSC, PAL
	Signal Format	Composite Video Signal
SVHS Y/C	Type	S-Video
	Color system	NTSC, PAL
	Signal Format	Y/C Separated Video Signal
SDI	SMPTE-424M	1080p
	SMPTE-292M	720p, 1080i
	SMPTE-259M	480i, 576i
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