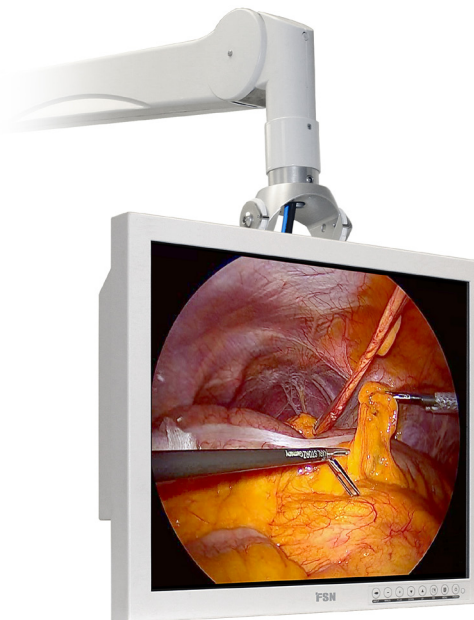


19" High-Bright LED Medical Display

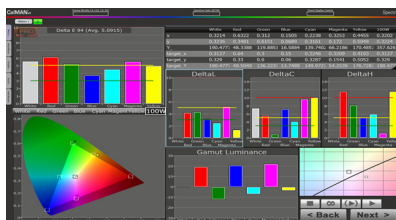
FSN Medical Technologies has solutions for managing your operating room video signals. Our products are engineered and built for compatibility with other highly specialized surgical and diagnostic equipment used in surgical suites, operating rooms, emergency rooms, and procedural facilities. FS-Y1901D, our 19" medical display, is uniquely equipped to handle tasks in the demanding OR environment.

- High-bright LED backlight
- Rapid signal detection, robust mode tables
- Fanless - sterile field compatible
- Built to last, rugged aluminum housing
- Calibrated to clinical color
- Image pan, zoom, freeze, picture-in-picture

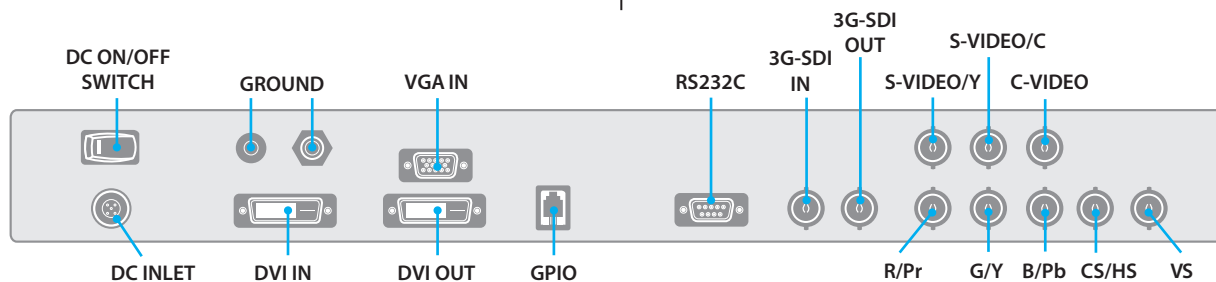


19" HD medical display monitors from FSN offer a rich set of features coupled with exceptional value. The size of these units promotes maneuverability and versatility, ideal for limited spaces. Match these display monitors with other FSN integration components for superior technology in the OR.

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.

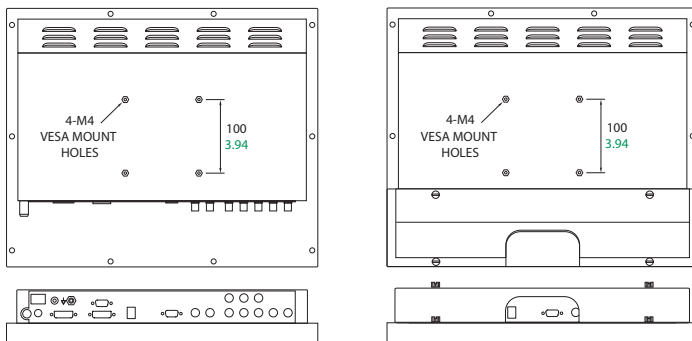
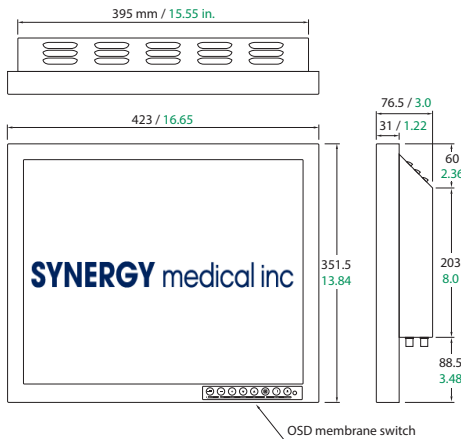


FSN displays have the connections you need. All major inputs are accepted via the back side connection panel.

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/ m ²
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 ±5%
	Polarity	Positive
	Impedance	75 ohm ±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 ≥2.0V, V low ≤0.8V)
	Polarity	Positive or Negative
VGA Sync	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 2KΩ
DVI	Type	Digital RGB
	Signal Format	TMDS single link
DVI	Connector	DVI-D
	Type	C-Video
CVBS	Color system	NTSC, PAL
	Signal Format	Composite Video Signal
SVHS Y/C	Type	S-Video
	Color system	NTSC, PAL
SVHS Y/C	Signal Format	Y/C Separated Video Signal
	SMPTE-424M	1080p
SDI	SMPTE-292M	720p, 1080i
	SMPTE-259M	480i, 576i
Output Signal	Type	Description
DVI	Type	Digital RGB
	Signal Format	TMDS single link
DVI	Connector	DVI-D
	SMPTE-424M	1080p
SDI	SMPTE-292M	720p, 1080i
	SMPTE-259M	480i, 576i



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