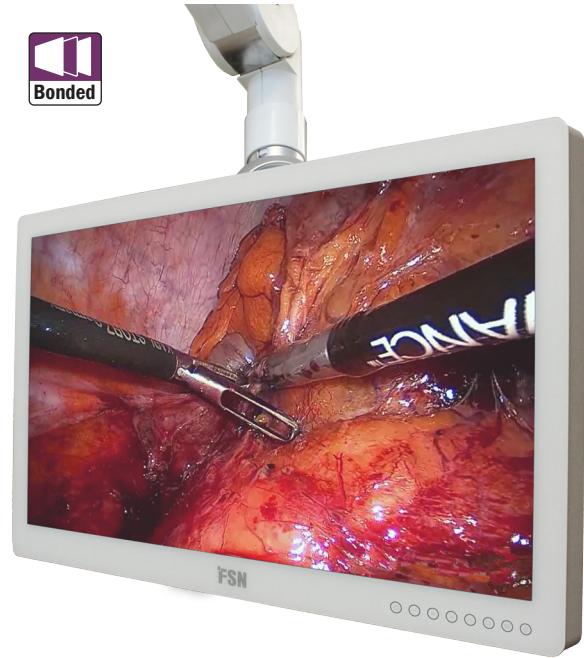


## 26" HD LED Medical Display

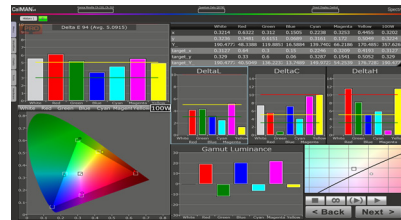
FSN Medical Technologies has the latest solutions for displaying medical video signals. FS-P2604D is designed and equipped to handle tasks in demanding surgical environments. Flush-front glass with touch interface control is easy to clean and allows for fast procedure turnaround. With built-in compatibility features, FS-P2604D automatically recognizes other highly specialized surgical and diagnostic equipment found in surgical suites, operating rooms, emergency rooms, and procedural facilities.

- Rapid signal detection, robust mode tables
- Flush-front glass for better cleaning and sterilization practices
- Sterile field approved
- Accepts popular signal types including: DVI-D, SDI (SD/HD/3G-SDI), VGA, C-Video, S-Video, and Component
- Intuitive and full- featured menu settings
- Image pan, zoom, freeze, picture-in-picture

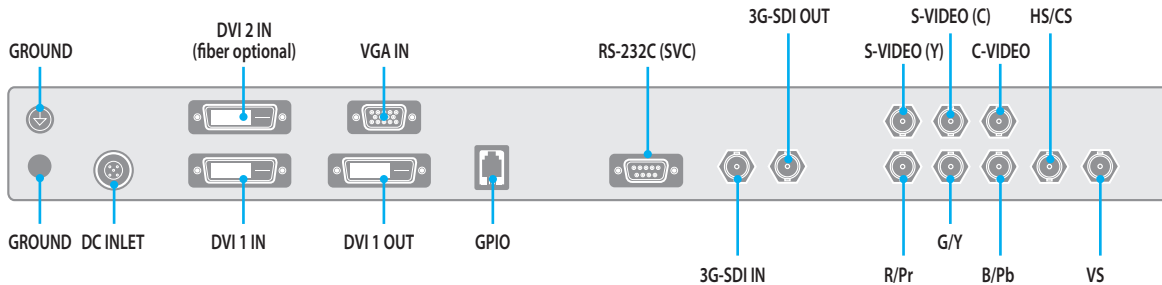


FS-P2604D has an ingress protection (IP) rating of 33 to protect against the intrusion of certain solids or liquids. This helps safeguard the display monitor's internal components from damage during intensive medical procedure conditions. This display offers over 1 billion colors, 1920 x 1080 pixel resolution, and is lightweight for boom mounting.

### 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-P2604D input/output signal connection panel.

## Specifications

### General Features

Item	Description
Panel	26 inch TFT LCD (LED)
Resolution	1920 x 1080 pixels
Aspect Ratio	16 : 9
Active Area	576.0 X 324.0 mm
Input Signal	1 x DVI-D 1 1 x DVI-D 2 (fiber 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 6.6A)
Control Key	Power, Menu, PIP, Up, Down, Plus, Minus, Input
Unit Dimension	640(W) x 402(H) x 78(D) mm 25.20(W) x 15.83(H) x 3.07(D) inch
Average Brightness	500 cd/m <sup>2</sup>
Response Time (G-to-G)	10 ms (typ. rise time), 8 ms (typ. fall time)
Viewing Angle (CR>10)	R/L 178, U/D 178
Weight	8.3 kg, 18.3 lbs (including IO cover)
Contrast Ratio	1500 : 1 typical
Pixel Pitch	0.3 x 0.3 mm
IP Rating	IP33 - overall, IP44 - front side only
IK Rating	IK07 with 5H AR glass

### 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-P2604D. These LCD panels use enhanced bonding technology and show an improvement in contrast ratio and brightness, plus improved humidity resistance and breakage resistance.

