

24" HD LED Medical Display

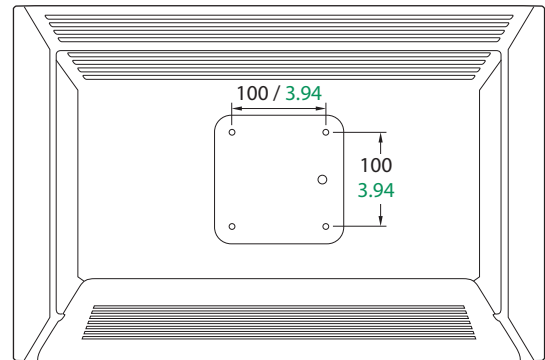
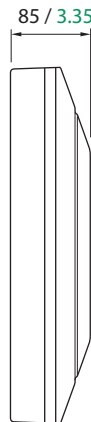
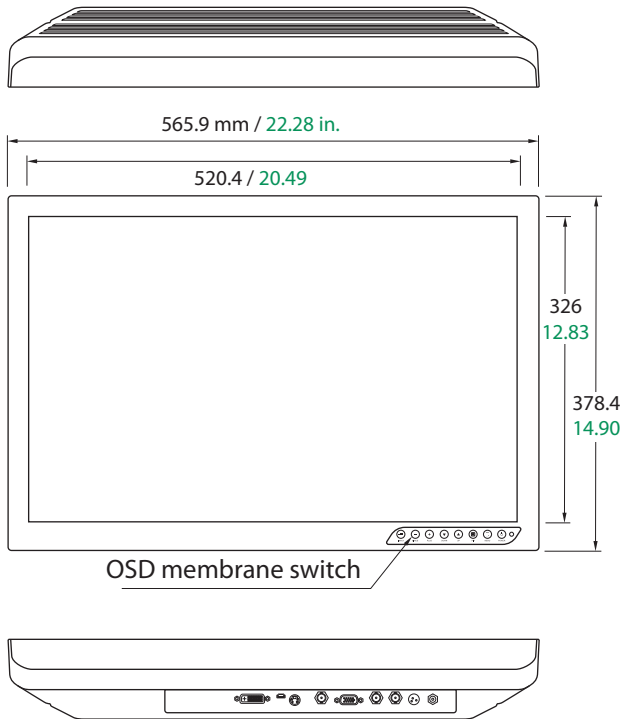


FSN Medical Technologies has solutions for managing your operating room video signals. Our products are engineered and built for compatibility with other highly specialized surgical and diagnostic equipment used in surgical suites, operating rooms, emergency rooms, and procedural facilities. FS-L2403D, our 24" LED medical display, is uniquely equipped to handle tasks in the demanding OR environment.

- LED backlight
- **Designed for medical environments**
- Rapid signal detection, robust mode tables
- Fanless - sterile field compatible
- Calibrated to clinical color
- Image pan, zoom, freeze, picture-in-picture



FS-L2403D offers exceptional value in a 24" medical grade display monitor. Its engineered polymer cabinet houses advanced video signal processing technology that allows for rapid signal detection of video sources found in the OR. FS-L2403D satisfies the need for smooth, artifact-free images.



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

www.fsnmed.com

Foreseeson Custom Displays, Inc.
2210 E. Winston Road
Anaheim, CA 92806 USA
Tel: 714-300-0540
Fax: 714-300-0546

Fort Lee, New Jersey
Tel: 201-849-4495
Atlanta, Georgia
Tel: 770-871-1895
Orlando, Florida
Tel: 407-667-3586

Foreseeson Korea
404B, PangyoInnovalley B
253 Pangyo-ro
Bundang-gu Seongnam-si
Gyeonggi-do, Korea 463-400
Tel: +82-31-8018-0780
Fax: +82-31-8018-0786

Foreseeson GmbH
Industriestrasse 38a
63150 Heusenstamm, Germany
Tel: +49 6104 64398 0
Fax: +49 6104 64398 11

Foreseeson UK Ltd.
Unit 2 Kingsmill Business Park
Chapel Mill Road
Kingston upon Thames, Surrey KT1 3GZ
Tel: +44 (0) 208 546 1047
Fax: +44 (0) 208 546 3931

Specifications



General Features

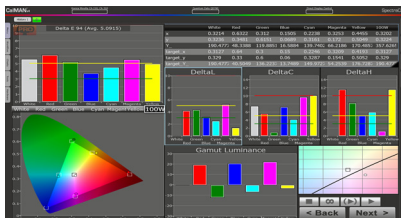
| Item | Description |
|-----------------------|--|
| Panel | 24 inch TFT LCD (LED) |
| Resolution | 1920 x 1200 pixel |
| Aspect Ratio | 16 : 10 |
| Active Area | 518.4 X 324 mm |
| Input Signal | 1 x DVI-D 1 x SDI (SD/HD/3G), optional 1 x VGA 1 x C-Video 1 x S-Video |
| External Control | RS-232C (Mini USB jack) |
| Output Signal | 1 x SDI (SD/HD/3G), optional |
| Power Supply | AC/DC Adaptor (AC 100~240V, DC 24V 3.75A) |
| Control Key | Power, Menu, PIP, Up, Down, Plus, Minus, Input |
| Unit Dimension | 565.9 (W) x 378.4 (H) x 85 (D) mm 22.28 (W) x 14.90 (H) x 3.35 (D) inch |
| Average Brightness | 300 cd/ m ² |
| Response Time | 14 ms |
| Viewing Angle (CR>10) | R/L 178, U/D 178 |
| Weight | 7.45 kg, 16.42 lbs |
| Contrast Ratio | 1000 : 1 Typical |
| Pixel Pitch | 0.270 x 0.270 |

Signal Timing

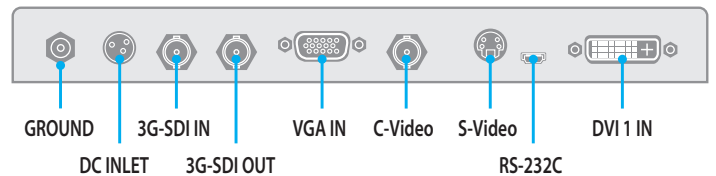
| Output Signal | Type | Description |
|---------------|------------|-------------|
| SDI | SMPTE-424M | 1080p |
| | SMPTE-292M | 720p, 1080i |
| | SMPTE-259M | 480i, 576i |

Signal Timing

| Input Signal | Type | Description | |
|---------------------|------------------------------------|--|---|
| Video | Type | Analog RGB | |
| | Connector | DSUB-15 (VGA) | |
| | 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 | |
| | VGA | Maximum resolution | 1920x1200 / 60Hz (154MHz Timing, NON-CRT) |
| | | Type | Separate H/V sync, Composite Sync Automatic synchronization without external switch |
| 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 implemented methods to fine-tune the properties of our displays. Distinct color space settings have been calibrated to well-known surgical color preferences.



Specifications are subject to change with or without notice. Doc. # FSN1957 Rev. 8/14