

19" HD Medical Display

FS-L1901D

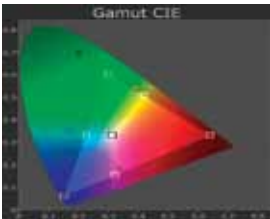
www.foreseesonusa.com



When Clarity Matters Most

At Foreseeson, we understand that although space is limited in the OR, quality can not be compromised. Our complete selection of medical monitors offer functionality, reliability, and all major inputs: DVI, VGA, Component, Composite, S-video, SOG, HDSOI and fiber.

Accurate Color Reproduction



In the OR, it is particularly important to have a correctly calibrated monitor. Foreseeson has implemented technologies to accomplish this. We have the ability to clamp down the visible color spectrum, ensuring that the doctor sees exactly what they expect to see. Three distinct color spaces, each calibrated to well known

surgical color preferences, are pre-installed in every monitor. In addition, fine tune adjustments can be made at any time.

Multi-Display Modes



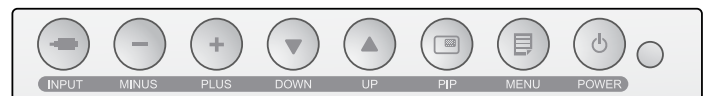
PIP (Picture-In-Picture) and PBP (Picture-By-Picture) are available to simultaneously display crucial data or additional images on the same screen. Other features available are: Zoom, counter, Pan, OSD lock and Freeze. Our displays have a GPIO connector that

allows menu functions to be controlled externally without RS232 commands. For internal menu control, an intuitive key pad is located on the front on each display.

- High definition picture
- Designed for medical use
- Rugged, liquid resistant housing
- Anti-reflection glass
- Anti-scratch acrylic
- Mounts securely
- Firmware can be upgraded and customized to specific needs

Durable and Easy to Mount

Each Foreseeson display is housed within a rugged aluminum IPX1 enclosure, and comes with a choice of AR (anti-reflection) glass or an acrylic anti-scratch protective screen. The back cover comes with a pattern of VESA mounting holes, making connection to a boom arm or custom yoke an easy task.



For monitor menu control, an intuitive key pad with a sealed membrane covering is located on the front of each display.



OPHIT



Ophit is a strategic partner of Foreseeson Custom Displays. The full line of fiber optic products available from Ophit are designed to provide the very best in digital video and audio extension systems.



Foreseeson displays have the connections you need. All major inputs are accepted via the back side connection panel. There are even connections for optional touchscreen capability.

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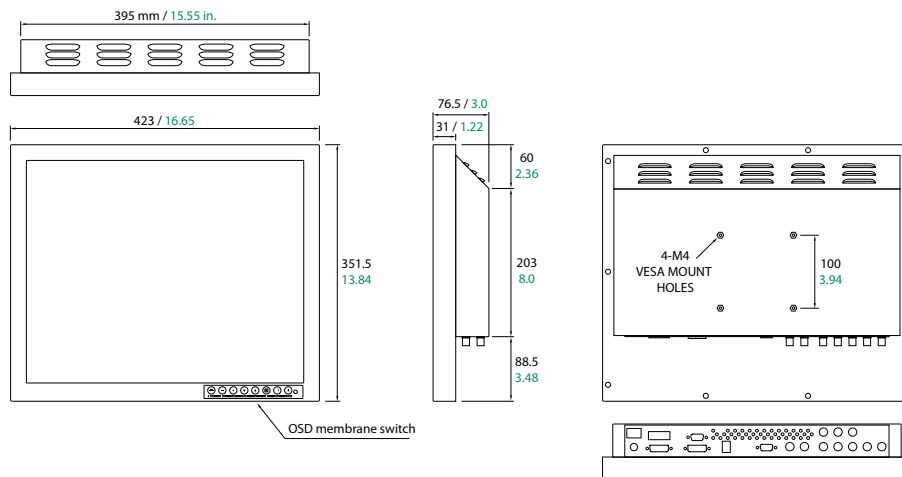


General Features

Item	Description
Panel	19" (LG Display)
Resolution	1280 x 1024 pixel
Input Signal	1 x DVI 1 x Optical DVI 1 x D-SUB 1 x BNC (SDI) 1 x BNC (CVBS) 2 x BNC (SVHS Y/C) 5 x BNC (Component Y/G, Pb/B, Pr/R, H/CS, VS Input)
TOUCH (optional)	(Depth and weight will increase)
GPIO port	Swap, PIP / PBP1 / PBP2 Select, Record indicator
Output Signal	1 x DVI & 1 x BNC (SDI)
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	270 (5 points Avg.) cd/ m2
Response Time (G-to-G)	14 ms
Viewing Angle (CR>10)	R/L 170, U/D 170
Weight	7.3 kg, 16.1 lbs
Contrast Ratio	800 : 1 Typical
Pixel Pitch	0.294(W)mm x 0.294(H)mm

Signal Timing

Input Signal	Type	Description
VGA	Type	Analog RGB
	Connector	DSUB-15
	Level	0.7Vp-p $\pm 5\%$
	Polarity	Positive
	Impedance	75 ohm $\pm 5\%$
	Horizontal frequency	30 ~ 81KHz
DVI	Vertical frequency	50 ~ 85Hz
	Type	Separate H/V sync, Composite H/V sync, Sync On Green Automatic synchronization without external switch
	Terminal resistance	more than 2K Ω
	Type	Digital RGB
	Signal Format	TMDS single link
	Connector	DVI-D
Optical DVI	Type	Digital RGB
	Signal Format	Fiber Optic Transmission
CVBS	Type	C-Video
	Color system	NTSC, PAL
SVHS Y/C	Signal Format	Composite Video Signal
	Type	S-Video
SDI	Color system	NTSC, PAL
	Signal Format	Y/C Separated Video Signal
		1080i (60 / 59.94 / 50)
	SMPTE-274M	1080p (30 / 29.97 / 25 / 24 / 24sF / 23.98 / 23.98sF)
	SMPTE-296M	720p (60 / 59.94 / 50)
	SMPTE-260M	1035i (60 / 59.94)
	SMPTE-125M	480i (59.94)
	ITU-R BT.656	576i (50)



Specifications are subject to change with or without notice. Doc. # FSN1916 Rev. 10/11

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