

# 27" 4K Medical Display

## FM-B2702D FM-B2702DG



**FSN**  
Medical Technologies

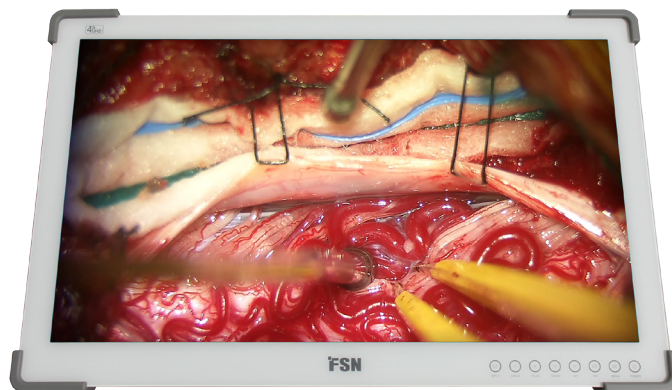
**4K UHD**

### More Pixels, Sharper Images

FSN's 27 inch 4K UHD medical grade display monitor shows 4 times more pixels compared to a conventional HD monitor. This allows fine details to be seen during minimally invasive procedures such as endoscopy or laparoscopy. This monitor will accept multiple video signals, and has layout options for PIP and PBP. When two images are displayed, they can be swapped, re-sized, or moved to a different section of the screen

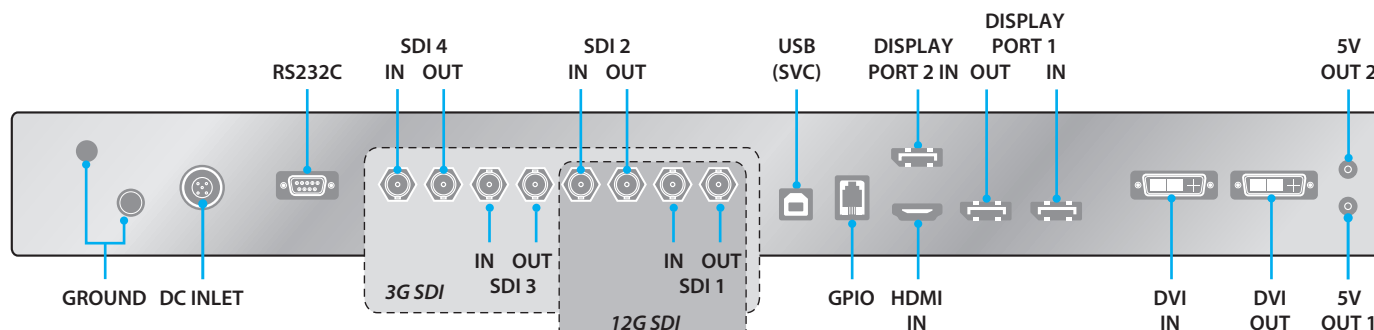
### Choice of Video Inputs

This monitor comes in two configurations. FM-B2702D has video connections for HDMI, DisplayPort, and DVI. FM-B2702DG adds support 3G and 12G SDI, giving it the ultimate in current and future video signal compatibility. 3G SDI offers quad link formats as 2-sample interleave or square division. FSN monitors are designed for fast detection of incoming signals thanks to robust mode tables.



### Attention to Ergonomic Detail

Unique design features include flush-front glass (ingress protection 33 rating) and touch menu control for easy cleaning and disinfection. There are no recessed areas on the front screen, thus eliminating collection points for unwanted material. These monitors come with built in protective bumpers on the bezel corners to guard against accidental contact injuries when boom arm mounted in the operating room at head level.



FM-B2702D (No SDI)

FM-B2702DG (3G and 12G SDI)

[www.fsnmed.com](http://www.fsnmed.com)

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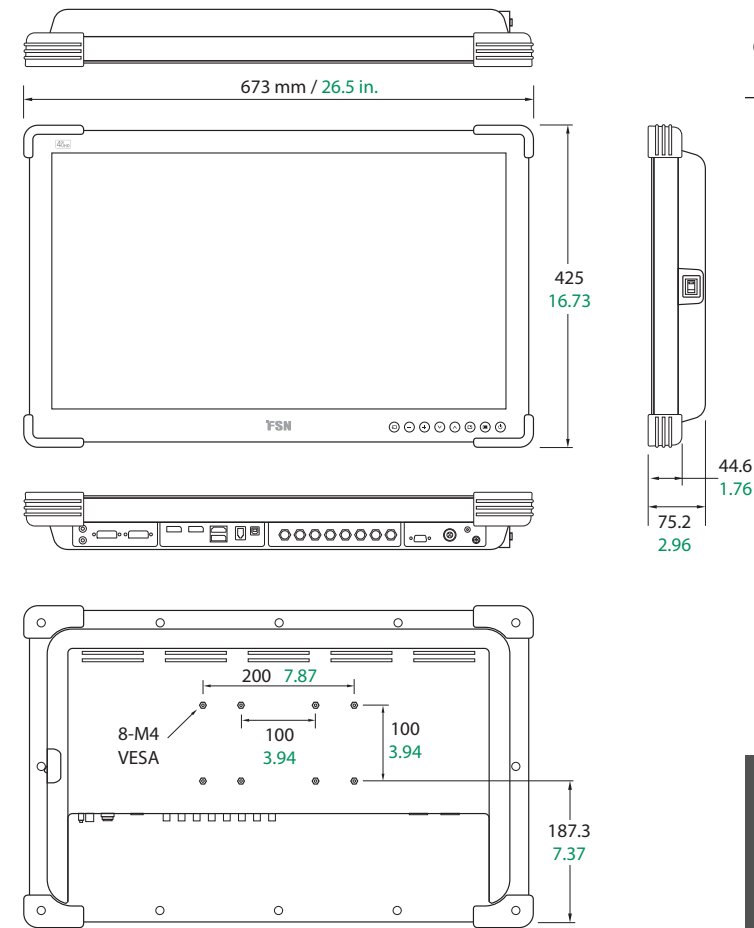


## Specifications

### General Features

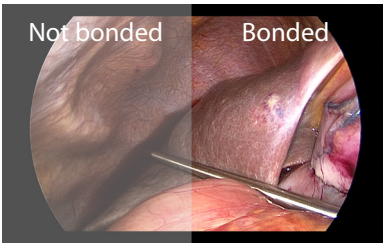
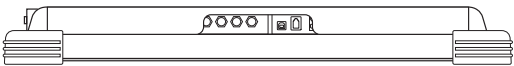
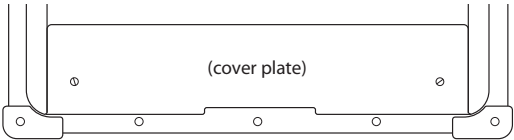
Item	Description
Panel	27 inch TFT LCD (LED)
Resolution	3840 x 2160 pixel
Aspect Ratio	16 : 9
Active Area	596.74 (H)mm x 335.66 (V)mm
Pixel Pitch (mm)	0.1554 x 0.1554
Response Time (typical)	11 ms (rise time)
Number of Colors	1.07 Billion
Brightness (typical)	800 cd/m <sup>2</sup>
Calculated Gamut	136.8% of BT.709
Contrast Ratio (typical)	1400 : 1
Surface Treatment	Anti-glare
Viewing Angle (CR>10)	R/L 178°, U/D 178°
Input Signal	1 x HDMI 2.0 2 x DP 1.2 (SST) 1 x DVI (single link) 4 x SDI (3G), 2 x SDI (12G) available on FM-B2702DG

Item	Description
Output Signal	1 x DP 1.2 (SST) 1 x DVI (single link) 4 x SDI (3G), 2 x SDI (12G) available on FM-B2702DG
Power Supply	AC/DC Adaptor (AC 100~240V, DC 24V/6.6A)
Power Consumption	FM-B2702D 85W FM-B2702DG 100W
Accessories Included	User manual, AC-DC adaptor, AC power cord, DP cable, HDMI cable, DVI-D cable, BNC cable (SDI models), Screw BH M4 x 14
Unit Dimension	673(W) x 425(H) x 75.2(D) mm 26.50(W) x 16.73(H) x 2.96(D) inch
Package Dimension	755.65(W) x 654.05(H) x 234.95(D) mm 29.75(W) x 25.75(H) x 9.25(D) inch
IP Rating	IP33 - overall, IP44 - front side onl
IK Rating	IK07 with 5H AR glass
Weight	FM-B2702D 8.73 kg, 19.25 lbs. (monitor with cover) 13.45 kg, 29.65 lbs. (shipping package) FM-B2702DG 9.2 kg, 20.28 lbs. (monitor with cover) 14.1 kg, 31.09 lbs. (shipping package)
Certifications	ANSI/AAMI ES60601-1(UL60601-1), CAN/CSA C22.2 No. 60601-1, FCC Class B, EN60601-1, EN60601-1-2, CE, MDD(93/42/EEC) Class I Medical Device



NOTE: FM-B2702D, shown above, does not support SDI.

Other drawings show FM-B2702DG (3G and 12G SDI support).



FSN's optical bonding process (right) improves contrast ratio and brightness, and increases humidity resistance and breakage resistance.

FSN Medical Technologies products meet RoHS2 and Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) obligations. FSN manages the information flow as required by regulations.