

# 27" 4K Medical Display

## FM-E2701D, FM-E2701DG



- Outstanding image clarity and color reproduction.
- BT.709 and BT.2020 compatible.
- HDR support.
- Full edge bumper guard.
- HDMI, DisplayPort, 3G/12G SDI connections (FM-E2701DG).



### Ready for Surgery

The FM-E2701D series display monitors offer ultra-clear viewing of endoscopic, fluoroscopic, ultrasound, or other live surgical video content.

Rapid signal detection of video sources found in the OR, plus extensive built-in timing tables are the keys to this model's compatibility.

These units have settings that allow for flexible screen layouts using separate video signals. They are solid, yet economical, performers that have all of the features needed in today's OR.


### Superior Design

Designed and constructed to stringent medical standards,




these monitors provide patient safety and clinical reliability. There are built-in 5V and 12V connections for powering accessories.

The impact-absorbing edge guard helps protect OR personnel and the monitor from accidental bumping injury and damage. FM-E2701D series has an ingress protection (IP) rating of 33 to protect against the intrusion of solids or liquids, safeguarding the internal components from damage during intensive medical procedure conditions.




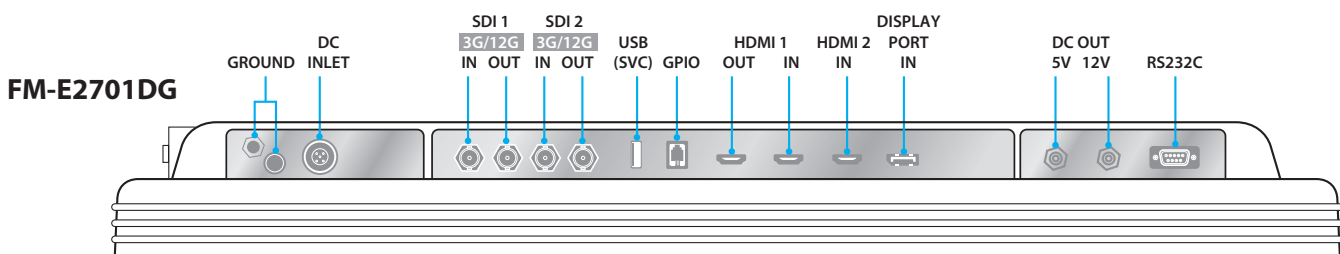
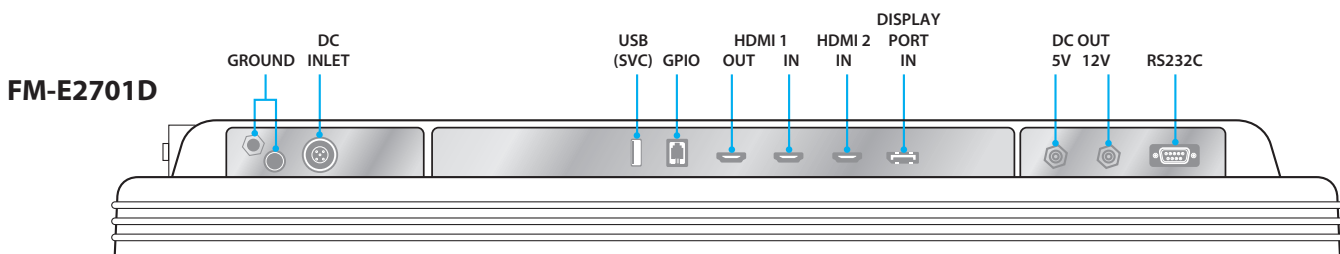
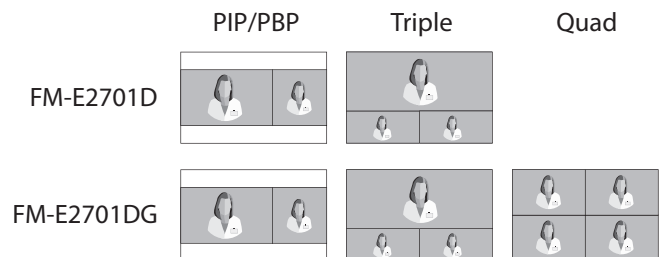
HDR (High Dynamic Range) utilizes more data to describe more steps in between light and dark areas. With HDR, images can get brighter, darker, and show a higher number of midtones, with blacks and whites reaching further extremes. HDR offers a wide color gamut, typically larger than standard color values used in Rec.709. DCI-P3 color space can reach 98%.

**Standard Dynamic Range (SDR)**



**High Dynamic Range (HDR)**





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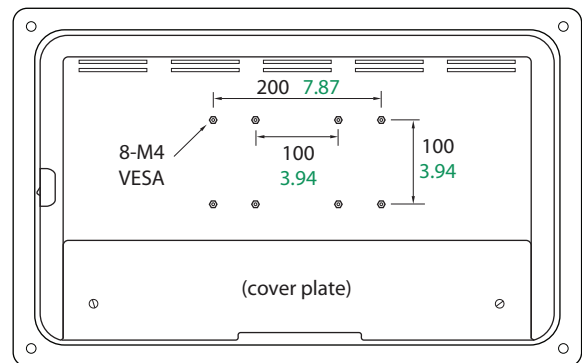
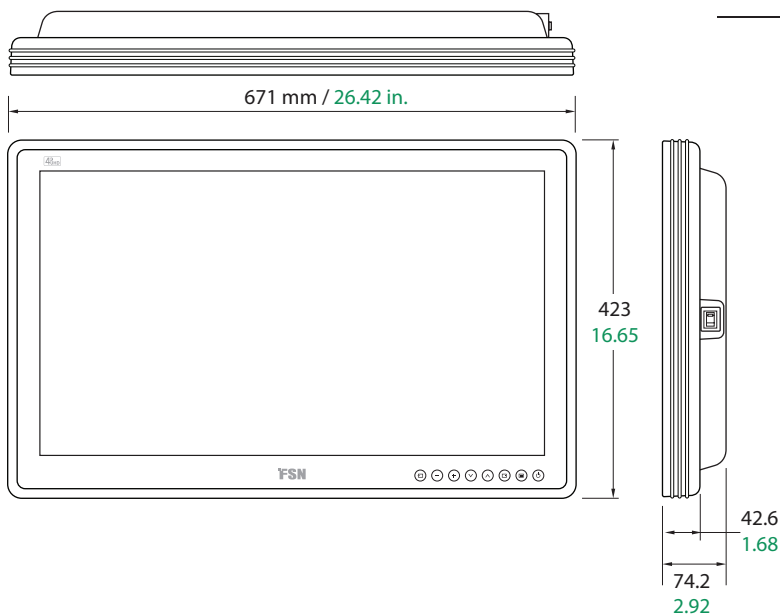
## FM-E2701D, FM-E2701DG

## Specifications

### General Features

Item	Description
Panel	27 inch LCD (LED)
Resolution	3840 x 2160 pixels
Active Area	596.16 (H)mm x 335.34 (V)mm
Pixel Pitch (mm)	0.15525 x 0.15525
Response Time (typical)	< 16 ms (rise + fall time)
Pixels Arrangement	RGB vertical stripes
Number of Colors	1.07 Billion
Brightness (typical)	700 cd/m <sup>2</sup>
Color Gamut	BT.709 and BT.2020 compatible
Contrast Ratio (typical)	1,000 : 1
Surface Treatment	Anti-reflection
Viewing Angle (CR>10)	R/L 178°, U/D 178°
Input Signal	FM-E2701D
	2 x HDMI 2.0
	1 x DP 1.4 (SST)
Input Signal	FM-E2701DG
	2 x HDMI 2.0
	1 x DP 1.4 (SST)
	2 x SDI (3G, 12G)

Item		Description
Output Signal	FM-E2701D	1 x HDMI 2.0
	FM-E2701DG	1 x HDMI 2.0 2 x SDI (3G, 12G)
Power Input		AC/DC Adaptor (AC 100~240V, DC 24V/6.6A)
Power Output		DC Output (1 x 12V/2A, 1 x 5V/2A)
Power	FM-E2701D	110W max
Consumption	FM-E2701DG	130W max
Accessories Included		User manual, AC-DC adaptor, AC power cord, DP cable, HDMI cable, SDI cable (FM-E2701DG), M4 screws.
Latency (typical)		1 ms
Unit Dimension		671(W) x 423(H) x 74.2(D) mm 26.42(W) 16.65(H) 2.92(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
Weight	FM-E2701D	9.17 kg, 20.21 lbs. (monitor with cover) 13.7 kg, 30.2 lbs. (shipping package)
	FM-E2701DG	9.40 kg, 20.72 lbs. (monitor with cover) 14.1 kg, 30.08 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, MDR(EU) 2017/745 Class I Medical Device



FSN Medical Technologies products meet EU RoHS Directive 2011/65/EU+2015/863/EU and Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) obligations. FSN manages the information flow as required by regulations.

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