

27" 4K Medical Display

FM-E2701D, FM-E2701DG



- Outstanding image clarity and color reproduction.
- BT.709 and BT.2020 compatible.
- Image rotate (90, 180, 270) and mirror (horizontal, vertical).
- 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, such as picture-by-picture, using separate video signals. They

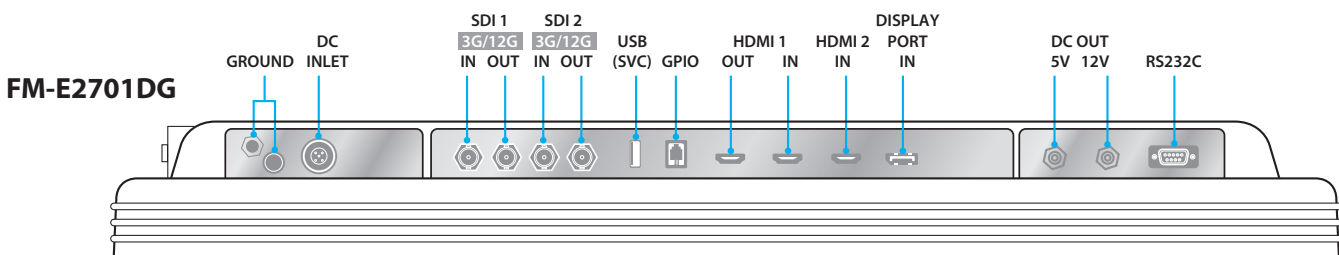
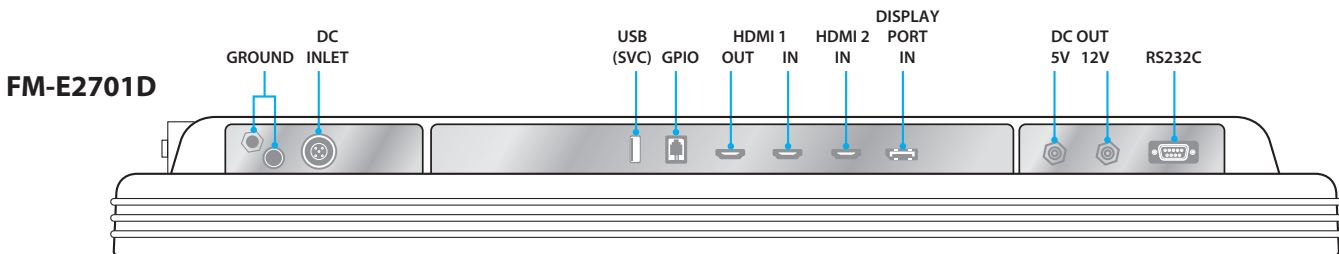


are solid, yet economical, performers that have all of the features needed in today's OR.

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.



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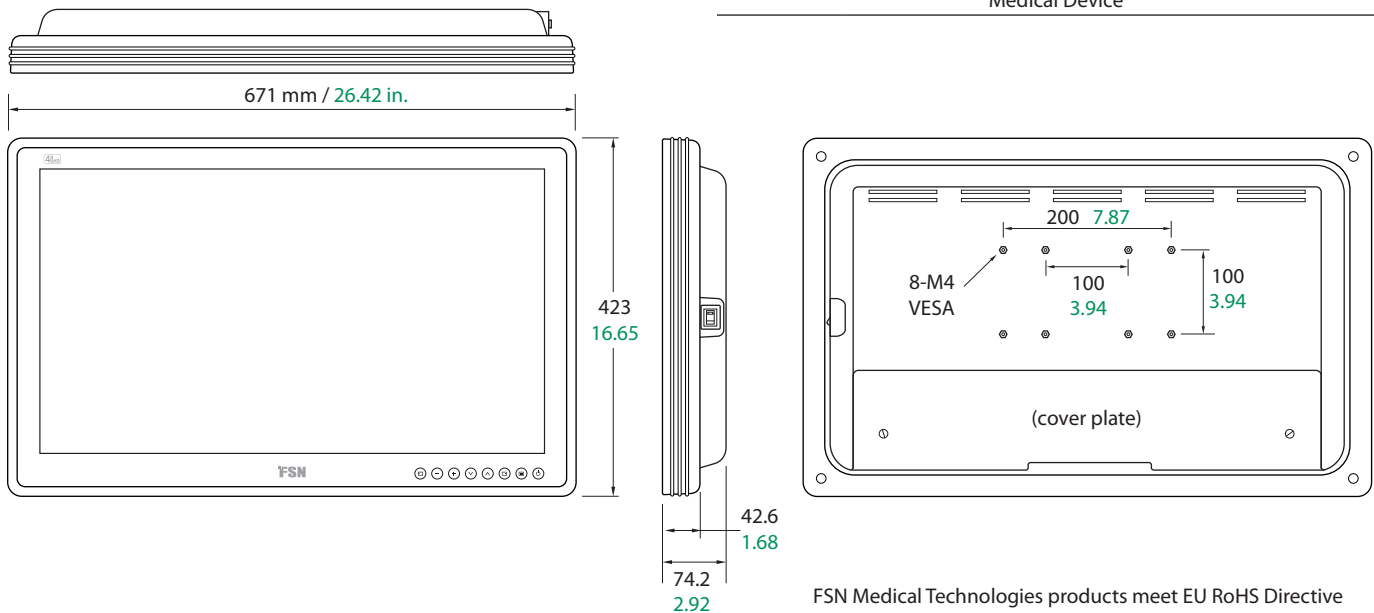


Specifications

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 ² |
| 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) |
| | 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 |
| Output Signal | 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 Consumption | FM-E2701D 110W max 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) |
| Weight | 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.

Specifications are subject to change with or without notice. Doc. # FSN2074 Rev. 4/23

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