

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,



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%.

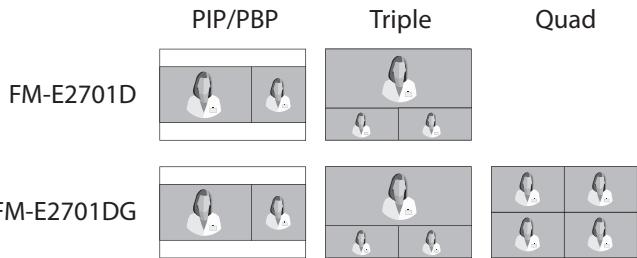
Standard Dynamic Range (SDR)



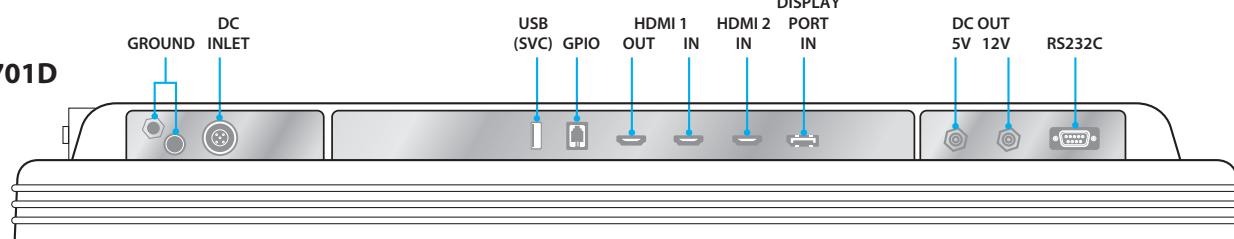
High Dynamic Range (HDR)

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

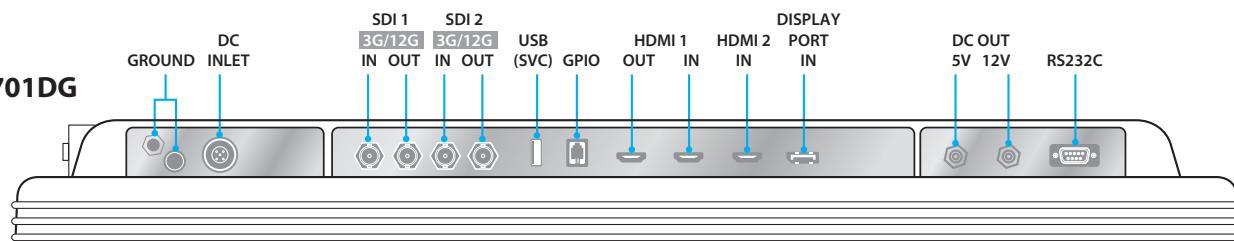
The impact-absorbing edge guard helps protect OR personnel and the monitor from accidental bumping injury and damage. FM-E2701D series has an ingress protection (IP) rating of 33 to protect against the intrusion of solids or liquids, safeguarding the internal components from damage during intensive medical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



FM-E2701D



FM-E2701DG



27" 4K Medical Display

FM-E2701D, FM-E2701DG

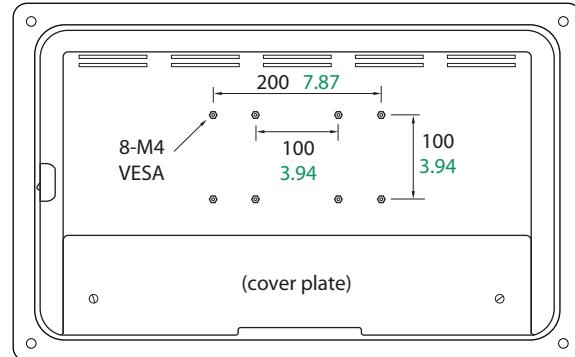
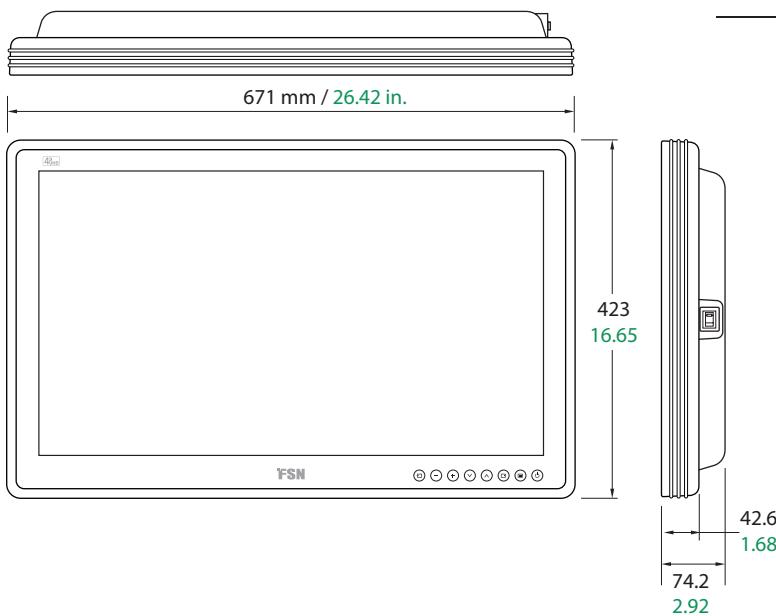


Specifications

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 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 |
| | 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) |
| | 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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