

GDM

Advancing OR Integration



Z3 Medical Displays

HD Medical Displays With Color Correction and Zoom

Precise HD Imaging for the OR

The Z3 Medical Display from GDM offers superior HD visualization via color correction. With multiple sizes and mounting options, plus memory settings for particular surgical procedures and preferences, the display offers unparalleled flexibility. When combined with the GDM Gen IV™ digital video integration system, settings, presets and calibrations can be done from remote service locations.

- Patented zoom, pan and freeze through the Gen IV™ touchscreen control
- Picture in picture
- Quad screen capabilities
- 24", 26" and 42" displays available
- Surgeon preference presets
- Integration of control functions and calibration from remote locations
- Color, temperature and brightness settings for various surgical disciplines

		FS-L2401D	FS-L2601D	FS-L4202D
LCD Panel	Panel Type	IPS	IPS	IPS
	Maker	LG Display	LG Display	LG Display
	Aspect Ratio	16:10	16:10	16:9
	Resolution	1920x1200 (WUXGA)	1920x1200 (WUXGA)	1920x1080 (HD 1080)
	Brightness	400	400	500
	Contrast Ratio	1000:1	1000:1	1300:1
	Display Colors	16.7M	16.7M	1.06 Billion
	Response Time (G-to-G)	5 ms	5 ms	5 ms
	Pixel Pitch	0.270 (H) mm x 0.270 (H) mm	0.2865 (H) mm x 0.2865 (H) mm	0.4845 (H) mm x 0.4845 (H) mm
	Viewing Angle	89/89/89/89	89/89/89/89	89/89/89/89
Monitor General	Color Depth	8 bit	8 bit	10 bit
	Dimension (mm)	580 (W) x 386 (H) x 95 (D)	618 (W) x 412 (H) x 99.5 (D)	1024.6 (W) x 617.4 (H) x 111.1 (D)
	Dimension (Inch)	24.834 (W) x 15.196 (H) x 3.740 (D)	24.330 (W) x 16.220 (H) x 3.917 (D)	40.338 (W) x 24.307 (H) x 4.374 (D)
	Weight (Kg)	7.5 Kg	8.8 Kg	28 Kg
	Weight (lbs)	16.53 lbs	19.4 lbs	61.7 lbs
	Mounting	100mm VESA	100mm, 200mm VESA	200mm, 300mm, 600mm VESA
	Input Power	DC 24V, 6.25A Max	DC 24V, 6.25A Max	AC 100-230V, 50-50Hz, 3A Max
	Power Supply	External	External	Internal
	Enclosure Rating	IPX1	IPX1	IPX1
	Front Filter	Double-Sided Anti-Reflection Coating	Double-Sided Anti-Reflection Coating	Double-Sided Anti-Reflection Coating
Monitor Connectivity	Input	1-DVI, 1-Optical DVI, 1-D-SUB, 1-BNC (CV/BS) 2-BNC (SV/HS/Y/C), 1-BNC (SDI), 5-BNC (Component Y/G, Pb/B, Pr/R, H/CS, VS)	1-DVI, 1-Optical DVI, 1-D-SUB, 1-BNC (CV/BS) 2-BNC (SV/HS/Y/C), 1-BNC (SDI), 5-BNC (Component Y/G, Pb/B, Pr/R, H/CS, VS)	1-DVI, 1-Optical DVI, 1-D-SUB, 1-BNC (CV/BS) 2-BNC (SV/HS/Y/C), 1-BNC (SDI), 5-BNC (Component Y/G, Pb/B, Pr/R, H/CS, VS)
	Input Option	Replace Optical w/ Standard DVI	Replace Optical w/ Standard DVI	Replace Optical w/ Standard DVI
	Output	1-DVI, 1-BNC (SDI)	1-DVI, 1-BNC (SDI)	1-DVI, 1-BNC (SDI)
Monitor Control	Serial Remote	D-Sub 9 pin, RS-232C	D-Sub 9 pin, RS-232C	D-Sub 9 pin, RS-232C
	GPIO	RJH-4	RJH-4	RJH-4
Special Features	PIP/PBP	Yes	Yes	Yes
	Pan/Zoom	Yes	Yes	Yes
	Freeze	Yes	Yes	Yes
	Remote Control	NA	NA	Yes
	Touch Screen	Optional	Optional	Optional
Certifications		EN60601-1-2:2001, IEC 60601-1, Rule 12, MDD 93/42/EEC, IEC 60950-1:2001, FCC Part 15 Subpart B Class B, UL 60601-1, CAN/CSA-C22.2 No. 601.1-M90, FDA 510(K)		

Other GDM integration solutions

- Gen IV Elite™ – *complete digital integration system*
- Gen IV Pro™ – *simplified system that can be upgraded*
- Gen IV Core™ – *outpatient surgery systems*

GDM's sole focus is on clinical information management technologies in the operating room. A leader in OR integration since 2003, GDM continues to advance visual data management for all surgical applications.



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