



DOUBLE BLACK IMAGING

Image Systems

Gemini Series

Large Format Displays

Gemini Series Large Format Displays



Space and Productivity Multiplied

Our Gemini Series color LED backlit display systems double the resolution and eliminate the gap between screens in multi-head display configurations. Allowing the eye to seamlessly glide between images uninterrupted increases productivity and user efficiency. Complete with advanced auto-calibration technology, these wide-screen models enable multi-modality imaging from a single display.

The large, wide-screen displays are equipped with built in front sensors for hands-free automatic precise grayscale calibration, backlight sensors to maintain stability over time, ambient light sensors, auto-report generation and non-conformance alerts via the web.

Additional user friendly features include auto-dimming capability, image pinpointing, cursor wrap, and cursor genie functions – improving workflow and enhancing the user experience.

About Double Black Imaging and our Image Systems Display Division

We are proud to be the largest display supplier and calibration software developer, creating 100% of our software and performing 100% display system integration in the USA.

Our team has a renowned history of providing the industry's finest customer service, continually acknowledged by thousands of users and IT Professionals who put their trust in us every day.

We are dedicated to developing innovative imaging solutions that greatly improve image quality and stability. Making imaging more efficient and reducing costs are the cornerstones of what DBI stands for.

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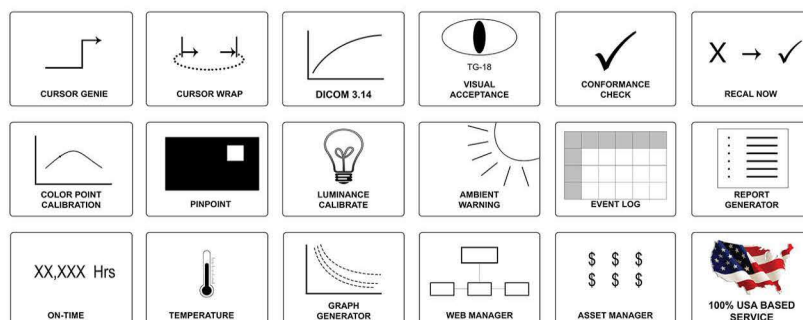
G-Series - Technical Specifications

G Series Color	4G	6G
Size	30"	30.4"
Active Display Area H x V	641.28 x 400.8mm / 5.25 x 15.78"	654.360 x 408.576mm / 25.76 x 16.09"
Resolution	2560 x 1600 (4MP)	3280 x 2048 (6MP)
Brightness	700 cd/m ² Typ.; 350-400 cd/m ² Recommended Calibrated	720 cd/m ² Typ.; 350-400 cd/m ² Recommended Calibrated.
Contrast Ratio	1000:1 Typ.	1000:1 Typ.
Look Up Table	14-bit LUT	
Response Time	6ms Typ.	18ms Typ.
Pixel Pitch	0.2505 x 0.2505 mm	0.1995 x 0.1995 mm
Built In Sensors	Front Sensor, Backlight Sensor, Ambient Light Sensor, Temperature Sensor	
Tilt/Swivel/Height Adjustment	- 5 to +15° tilt +/- 45° swivel 80mm height adj	
Panel Technology	TFT AMLCD IPS Color, LED Backlit	
Viewing Angle	178° Typ.	
Video Input / USB (1up 1down)	DisplayPort (1), DVI-D (2), USB	DisplayPort (2), DVI-D (2), USB
Power Supply	External for Added Reliability. AC Input to power brick: 100-240V, DC Input to display: 24V	
Power Consumption	160w max./Power save mode < 5w	
Operating Temperature Range	5° to 35°C (41° to 95°F)	
Operational Humidity	15% - 85%	
Storage Temperature	-20° to +60°C (-4° to + 140°F)	
Weight w/ stand (approx)	32 lbs	38 lbs
Dimensions (W x H x D) w/stand full height	27.5" x 25.6" x 9.8"	28.3" x 24.7" x 9.8"
Mounting Options	100 x 100 mm VESA	
Safety & Emissions	EN60601-1, IEC60601-1, UL 60601-1:2003 R6.03 / CAN/CSA-C22.2 No.601.1-M90service: cTUVus certificate CCC, CB (NCB Lab.), FCC, IP20, CE	EN60601-1, IEC60601-1, GB4943.1, ANSI/AAMI ES60601-1:2005 + A2(R2012) + A1, CAN/CSA-C22.2 No. 60601-1:14, CE acc to MDD 93/42/EEC (Class I), IP20
Warranty	5-Year standard warranty with Hot Swap	

Calibration Feedback System – CFS™

- Our industry leading CFS software - Client and Web Manager
- Ensures precise grayscale calibration and confidence
- Provides tools to enhance visibility, efficiency, workflow
- Enables performance monitoring and asset management
- Accurate calibration of both color and gray shades

CFS Software comes standard with every G-Series display.



Hassle-Free Services & Support

Overcome technical challenges with our team of experienced engineers and technicians. Whether it's a simple answer or on-site troubleshooting, we can help any time, every time. Accurate and consistent presentation of images is a critical requirement for displays.



DBI Service Desk
Comprehensive
Technical Support

Hot Swap
Extended Warranty &
Advanced Replacement Program



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Specifications are subject to change without notice.



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Healthcare
Diagnostic & Clinical Review
Large Format Displays

Image Systems Gemini Series Large Format Displays



Space and Productivity Multiplied

Our Gemini Series color LED backlit display systems double the resolution and eliminate the gap between screens in multi-head display configurations. Allowing the eye to seamlessly glide between images uninterrupted increases productivity and user efficiency. Complete with advanced auto-calibration technology, these wide-screen models enable multi-modality imaging from a single display including breast imaging on the 8MP.

The large, wide-screen displays are equipped with built in front sensors for hands-free automatic DICOM 3.14 calibration, backlight sensors to maintain stability over time, ambient light sensors, auto-report generation and non-conformance alerts via the web.

Additional user friendly features include auto-dimming capability, image pinpointing, cursor wrap, and cursor genie functions – improving workflow and enhancing the user experience.

About Double Black Imaging and our Image Systems Display Division

We are proud to be the largest medical display supplier and calibration software developer, creating 100% of our software and performing 100% display system integration in the USA.

Our team has a renowned history of providing the industry's finest customer service, continually acknowledged by thousands of Radiologists and IT Professionals who put their trust in us every day.

We are dedicated to developing innovative imaging solutions that greatly improve image quality and stability. Making imaging more efficient and reducing healthcare costs are the cornerstones of what DBI stands for.

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G-Series - Technical Specifications

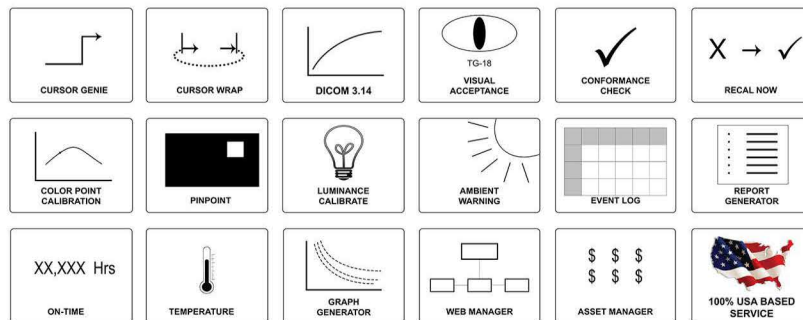


G Series Color		8G
Size		31.1"
Active Display Area H x V		697.958 x 368.064mm / 27.48 x 14.49"
Resolution		4096 x 2160 (8MP)
Brightness		850 cd/m ² Typ.; 420-500 cd/m ² Recommended Calibrated
Contrast Ratio		1450:1 Typ.
Look Up Table		14-bit LUT
Response Time		8ms Typ.
Pixel Pitch		0.1704 x 0.1704 mm
Built In Sensors		Front Sensor, Backlight Sensor, Ambient Light Sensor, Temperature Sensor
Tilt/Swivel/Height Adjustment		- 5 to +15° tilt +/- 45° swivel 80mm height adj
Panel Technology		TFT AMLCD IPS Color, LED Backlit
Viewing Angle		178° Typ.
Video Input / USB (1up 1down)		DisplayPort (2), DVI-D (2), USB
Power Supply		External for Added Reliability. AC Input to power brick: 100-240V, DC Input to display: 24V
Power Consumption		160w max./Power save mode < 5w
Operating Temperature Range		5° to 35°C (41° to 95°F)
Operational Humidity		15% - 85%
Storage Temperature		-20° to +60°C (-4° to + 140°F)
Weight w/ stand (approx)		42 lbs
Dimensions (W x H x D) w/stand full height		29.7" x 22.6" x 9.8"
Mounting Options		100 x 100 mm VESA
Safety & Emissions		EN60601-1, IEC60601-1, GB4943.1, ANSI/AAMI ES60601-1:2005 + A2(R2012) + A1, CAN/CSA-C22.2 No. 60601-1:14, CE acc to MDD 93/42/EEC (Class I), IP20, FDA 510(K) Mammo, Tomo
Warranty		5-Year standard warranty with Hot Swap
PACS Application		Multi-Modality PACS, CR/DR CT MRI US DSI DSA PET/CT Image Fusion X-Ray Nuclear Medicine
Mammography Application		Digital Mammography, Digital Breast Tomosynthesis

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- Provides tools to enhance visibility, efficiency, workflow
- Enables performance monitoring and asset management
- Accurate calibration of both color and gray shades

CFS Software comes standard with every G-Series display.



Hassle-Free Services & Support

Overcome technical challenges with our team of experienced engineers and technicians. Whether it's a simple answer or on-site troubleshooting, we can help any time, every time. Accurate and consistent presentation of images is a critical requirement for radiology displays.



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