Double Black Imaging

Gemini Series

40” Curved 11MP Multi-Modality Display




40” Curved Large Format Display Optimized for Diagnostic Imaging and Remote Reading

## Space and Productivity Multiplied

Our 40” curved 11MP color LED backlit display system combines two diagnostic displays and a worklist display into one screen. It eliminates the gap between screens found in multi-head display configurations. The eye glides between images uninterrupted, increasing productivity and user efficiency. Complete with advanced auto-calibration technology, this wide-screen model enables multi-modality imaging from a single display.

The display is equipped with a front sensor for hands-free automatic DICOM 3.14 calibration. Backlight sensors maintain stability over time. Ambient light sensors, auto-report generation and non-conformance alerts via the web are also included.

Additional user-friendly features include auto-dimming capability, image pinpointing, cursor wrap and cursor genie functions. An integrated KVM switch, three-way split screen and a 65 W USB-C connection let two computers share the display. Together, these features improve workflow and enhance 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.

DOUBLE BLACK IMAGING

# Automatic DICOM Calibration with CFS ™



Retractable Front sensor eliminate the need for bulky photometers and manual, time-consuming calibration and conformance testing.  All DBI displays are bundled with the CFS™ Calibration software suite for automatic DICOM calibration, conformance testing, report generation, reporting and non-conformance alerts via the web.




**CFS™ Calibration Software Suite:**

- Ensures compliance to the DICOM 3.14 Standard
- Includes Local client and CFS WebManager
- Included with all DBI Display Solutions
- Email Alerting for proactive workstation maintenance
- In depth reporting tools including DICOM, NYC, NYS and Joint Commission specific reports
- Developed by Double Black Imaging 100% in the USA
- Includes Productivity Toolkit

# Curved Field Of View

One curved 40” screen turns three displays into one. It combines two diagnostic displays and a worklist display, with no bezel between images. A gentle 2500R curve wraps the screen toward the reader. Both edges angle  inward, so side-by-side images sit closer to the natural line of sight. The design is intended to reduce head and eye travel between the current study, the prior and the worklist.




# Integrated KVM

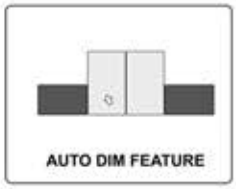
A built-in KVM switch controls two computers with a single keyboard and mouse. A PACS workstation and a second system can share the screen side by side in split-screen mode. This removes the external KVM box, along with its extra cables and  input devices. A 65 W USB-C connection adds video, data and laptop charging over one cable.



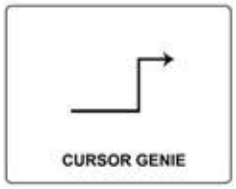
# Productivity Tool Kit

The inclusive CFS Productivity toolkit consists of several utilities designed to improve User workflow, enhance visual clarity, reduce distraction, minimize hand strain, fatigue, frustration, and ultimately diminish visual strain.



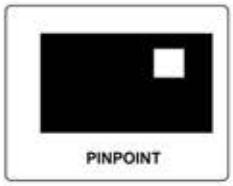




Eliminates distractions and eye strain from bright neighboring monitors






Saves time and the frustration of a user's cursor getting stuck in the corners of a display



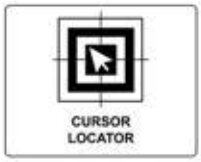



Enables the user to concentrate on key areas of interest






Allows the user to quickly move between screens in a multi-display environment, reducing hand strain






Rapidly locates the cursor and allows the user return to work quickly without frustration

# Ergonomically Designed

The C40Crv is ergonomically designed to reduce strain and fatigue caused by long hours at the workstation. This stand allows allows users to freely adjust the tilt, height, and swivel.









# Display Bundle Options



**Take Advantage of our direct relationships for workstations.**
DBI will preconfigure all displays, graphic controllers and calibration software prior to shipment.



**Ergonomic Seating**
Reduces back pain and improves productivity by promoting proper alignment.



**Ergonomic Workstation options include:**
Configurable workstations, Sit to stand Modules, Monitor mounts and more!

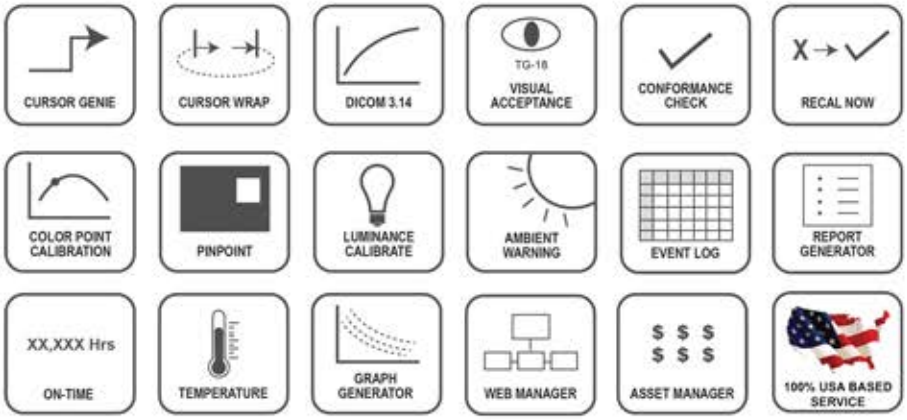
# G-Series - Technical Specifications



| Specifications | C40Crv |
|---|---|
| Size and Aspect Ratio | 40” (39.7” Diagonal); 21:9 Aspect Ratio |
| Curvature | 2500R |
| Resolution | 5120 x 2160 (11MP) |
| Brightness | 500 cd/m²; 350 Calibrated Brightness |
| Contrast Ratio | 2000:1 Typ. |
| Color Depth | 1.06B; DCI-P3 99% (CIE1976) |
| Response Time | 5 ms GtG at Faster; Refresh Rate: Up to 120 Hz |
| Pixel Pitch | 0.1815mm x 0.1815 mm |
| Built In Sensors | Front Sensor, Backlight Sensor, Ambient Light Sensor |
| Display Modes | Multi-resolution Mode |
| Panel Technology | TFT AMLCD IPS Black, LED Backlit |
| Surface Treatment | Anti-Reflective, 3H |
| DICOM Calibration | Yes with Front Sensor Via CFS. Includes DICOM reporting, alerting and CFS Web Manager |
| Applications | Teleradiology, CR, CT, DR, MR, Ultrasound, NucMed, PET, 3D, PACS. Not intended for mammography. |
| Viewing Angle | 178º Typical |
| Video Input / USB (1up 1down) | DisplayPort v. 2.1 (x2), HDMI v. 2.1 (x1), USB-C (x1) with DisplayPort Alt Mode and 65 W Power Delivery |
| Power Supply | Built-In. AC Input: 100–240 V, 50/60 |
| Tilt/Swivel/Height Adjustment | -5 to + 15º Tilt \| +/- 15º Swivel \| 97mm Height Adjustment |
| Weight w/ stand (approx) | 28.6 lbs w/Stand; 21.3 lbs w/o Stand |
| Dimensions ( W x H x D ) | 37.3 x 24.7 x 11.0 w/ Stand;<br>37.3 x 16.5 x 4.2 w/o Stand |
| Mounting Options | 100 x 100 mm VESA |
| Safety & Emissions | FDA 510(k) Class II, IEC 60601-1, IEC 60601-1-2, EN 60601-1, EN 60601-1-2, IEC 60950-1, EN 60950-1, IEC 55032, IEC 55024, EN 55032, EN 55024, cUL, FCC Part 15 Class A, ISO 13485, GMP, KGMP, MFDS, RoHS, REACH, WEEE |
| Warranty | 5-Year Warranty with Hot Swap included |

## Calibration Feedback System – CFS™

- Our industry leading CFS™ software - Client and Web Manager
- Ensures calibration and confidence to DICOM 3.14
- 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.

**DBI Service Desk**
Comprehensive Technical Support

**Hot Swap**
Extended Warranty & Advanced Replacement Program



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Specifications are subject to change without notice.