

## 8MP Color LED Backlit Display Optimized for Industrial Imaging

### Engineered for Large-Format Inspection Review

The DBI 8MP Color NDT Display is built for large-format industrial image review, including high-resolution DR panels, industrial CT review, and multi-image inspection layouts. Its 8MP resolution gives inspection teams room to view detailed radiographs and related images on one large screen without reducing critical image detail.

Front-sensor automatic calibration, backlight monitoring, digital ambient light compensation, and full-panel luminance uniformity correction help maintain stable grayscale performance across the display. Paired with DBI's CFS™ Calibration Software Suite, the display supports scheduled calibration, conformance logs, drift alerts, and audit-ready quality assurance.

Tested, integrated, and serviced in the USA, the DBI 8MP NDT Display provides dependable performance for demanding inspection environments. With flexible connectivity, VESA mounting, advance hot-swap service, and a five-year warranty, it offers a strong large-format option for industrial radiography and CT workflows.

### About Double Black Imaging

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

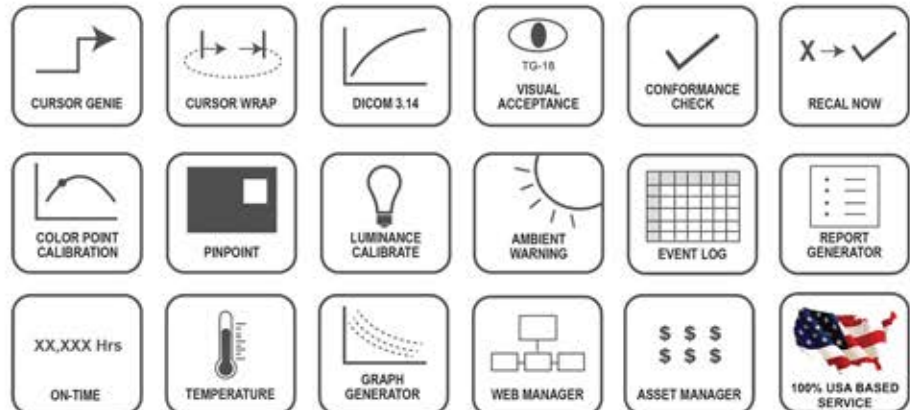
# 8MP Color Industrial Imaging Display



| Specifications                             | C8G+-NDT  |
|--|---|
| Size and Aspect Ratio                      | 31.5"; 16:9 Aspect Ratio  |
| Active Display Area H x V                  | 27.52" x 15.5"  |
| Resolution                                 | 3840 x 2160 (8MP)   |
| Brightness                                 | 1000cd/m <sup>2</sup> ; 350-600 cd/m <sup>2</sup> Calibrated Brightness (user defined)          |
| Contrast Ratio                             | 2000:1 Typ.   |
| Look Up Table                              | 10-Bit LUT (8Bit + A-FRC)   |
| Response Time                              | 14 ms   |
| Pixel Pitch                                | 0.18159mm x 0.18159mm   |
| Built In Sensors                           | Front Sensor, Backlight Sensor, Ambient Light Sensor, Presence Sensor                           |
| Display Modes                              | Multi-resolution Mode (8/6/4MP), Focus View Mode, Light Box Mode, Pathology Mode                |
| Panel Technology                           | TFT AMLCD IPS Black, LED Backlit  |
| Surface Treatment                          | Anti-Reflective, 3H   |
| DICOM Calibration                          | Yes with Built in Front Sensors Via CFS. Includes DICOM reporting, alerting and CFS Web Manager |
| Recommended Use                            | Large DR Panel Review, Industrial CT Review, Multi-Image Inspection Layouts                     |
| Viewing Angle                              | 178° Typical  |
| Video Input / USB (1up 1down)              | DisplayPort (2), USB 3.0 (2 Up, 2 Down)   |
| Power Supply                               | External for added reliability. AC Input to power brick: 100-240V                               |
| Tilt/Swivel/Height Adjustment              | -5 to + 15° Tilt   +/- 15° Swivel   110mm Height Adjustment                                     |
| Weight w/ stand (approx)                   | 28.6 lbs w/Stand; 21.3 lbs w/o Stand  |
| Dimensions ( W x H x D )                   | 29.9" x 25.4" x 8.76" With Stand<br>29.9" x 18.3" x 3.1" Without Stand                          |
| Mounting Options                           | 100 x 100 mm VESA   |
| Device Safety & EMC for Industrial Imaging | cUL, EN/IEC 60950-1, EN/IEC 55032, EN/IEC 55024, RoHS, REACH, WEEE                              |
| Warranty                                   | 3-Year Warranty with Hot Swap is standard   |

## 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

