5MP Color LED Backlit Display Optimized for Industrial Imaging

Engineered for Fine-Detail Review

The DBI 5MP Color NDT Display is designed for fine-detail industrial inspection, including small-part radiography, electronics and PCB X-ray review, additive manufacturing inspection, and applications where small indications must remain clearly defined. Its 5MP resolution and high pixel density help reveal micro-porosity, fine cracks, solder voids, and other subtle defects.

Built-in front-sensor calibration, backlight monitoring, ambient light compensation, and edge-to-edge uniformity help maintain consistent image presentation during long review sessions. Paired with DBI's CFS™ Calibration Software Suite, the display supports scheduled calibration, conformance reporting, fleet monitoring, and drift alerts for DICONDE-based quality workflows.

Tested, calibrated, and supported in the USA, the DBI 5MP NDT Display delivers dependable performance for inspection teams that need high-detail image review and

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.

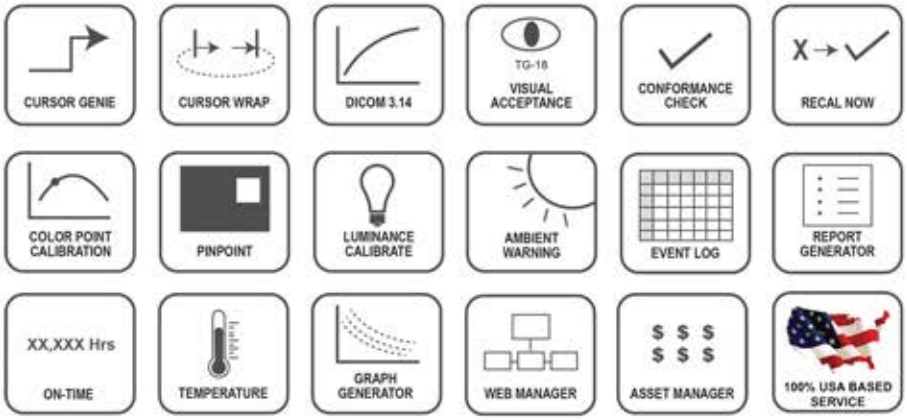
DOUBLE BLACK IMAGING

5MP Color Industrial Display System - Technical Specifications

Specifications	C5MPL-NDT
Size and Aspect Ratio	21.3”; 4:5 Aspect Ratio
Active Display Area H x V	13.375” x 16.625”
Resolution	2048 x 2560 Portrait; 2560 x 2048 Landscape
Brightness	1100 cd/m² Typ.; 420-600 cd/m² Calibrated Brightness Recommended
Contrast Ratio	1800:1 Typ.
Look Up Table	10-Bit Color
Response Time	5 ms (GtG at Faster)
Pixel Pitch	0.165mm x 0.165mm
Built In Sensors	Front Sensor, Backlight Sensor, Ambient Light Sensor, Presence Sensor
Display Modes	Multi-resolution Mode (5MP/3MP/2MP), Focus View Mode, Light Box Mode, Reader Mode, Pathology Mode
Ambient Lighting	Built in Wall and Workspace Lighting
Surface Treatment	Anti-Reflective
DICOM Calibration	Yes with Built in Front Sensors Via CFS. Includes auto-reporting, alerting and CFS Web Manager
Recommended Use	Fine-Detail Radiography, Small-Part Inspection, Electronics/PCB X-ray, Additive Manufacturing Review
Viewing Angle	178º Typical
Video Input / USB	Display Port (2), DVI x 1 (Dual link), USB (2 Up, 2 Down)
Power Supply	External for added reliability. AC Input to power brick: 100-240V
Tilt/Pivot/Height Adjustment	-5 to + 20º Tilt | +/- 90º Pivot | 110mm Height Adjustment
Weight w/ stand (approx)	17.3 lbs w/Stand; 12.01 lbs w/o Stand
Dimensions (W x H x D)	14.4” x 24.97” x 9.19” With Stand 14.4” x 18.6” x 3.07” Without Stand
Mounting Options	100 x 100 mm VESA
Device Safety & EMC for Industrial Imaging	CE, cUL, FCC Part 15, EN/IEC 60950-1, EN/IEC 55032, EN/IEC 55024, RoHS, REACH, WEEE
Warranty	3-Year Warranty with Hot Swap

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