



12MP Color LED Backlit Display Optimized for Industrial Imaging

Engineered for Unify the Review Station

The DBI 12MP Color NDT Display is designed to consolidate industrial image review onto one 31-inch seamless screen. Its 12MP resolution supports large-format radiograph review, multi-image layouts, and enterprise inspection workflows that would otherwise require a dual-monitor setup.

A built-in front sensor, backlight sensor, digital ambient light compensation, and luminance uniformity control help keep grayscale performance consistent across the full display. Paired with DBI's CFS™ Calibration Software Suite, the display supports scheduled calibration, conformance reporting, e-mail alerts, and drift monitoring for DICONDE-based review.

Tested, calibrated, and serviced in the USA, the DBI 12MP NDT Display offers a flagship review solution for high-demand industrial inspection environments. With flexible connectivity, VESA mounting, advance hot-swap service, and warranty support, it gives teams one calibrated surface for large-format and multi-image

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.



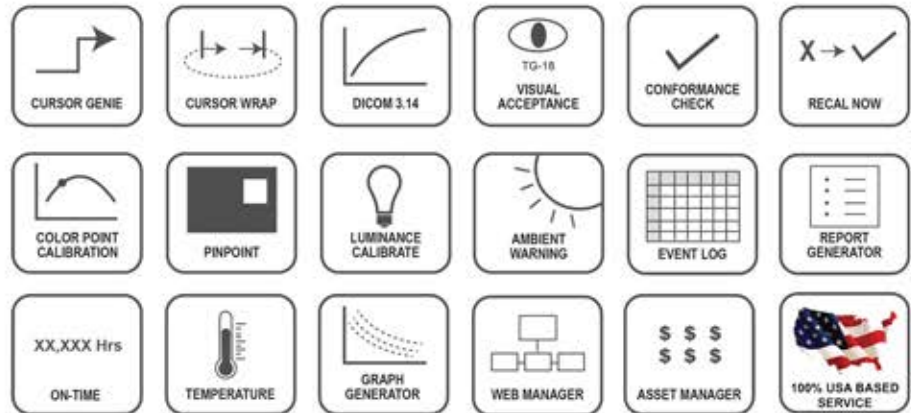
12MP Color Industrial Imaging Display



Specifications	12G
Size and Aspect Ratio	31"; 3:2 Aspect Ratio
Active Display Area H x V	25.75" x 17.125"
Resolution	4200 x 2800 (12MP)
Brightness	1200 cd/m ² ; 420-800 cd/m ² Calibrated Brightness
Contrast Ratio	1500:1 Typ.
Look Up Table	14-Bit LUT
Response Time	14 ms (Off- setting); 5 ms (faster-setting)
Pixel Pitch	0.1554mm x 0.1554mm
Built In Sensors	Front Sensor, Backlight Sensor, Ambient Light Sensor, Presence Sensor
Display Modes	Multi-resolution Mode (12/6MP), Focus View Mode, Light Box Mode, Pathology Mode
Panel Technology	TFT AMLCD IPS Color, LED Backlit
Surface Treatment	Anti-Reflective, 3H
DICOM Calibration	Yes with Built in Front Sensors Via CFS. Includes MQSA reporting, alerting and CFS Web Manager
Recommended Use	Unified Review Station, Enterprise Inspection Review, Large-Format & Multi-Image Layouts
Viewing Angle	178° Typical
Video Input / USB (1up 1down)	DisplayPort (2), USB (1 Up, 3 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)	30.9 lbs w/Stand; 23.6 lbs w/o Stand
Dimensions (W x H x D)	27.7" x 26.1" x 11" With Stand 27.7" x 19.7" x 3.3" Without Stand
Mounting Options	100 x 100 mm VESA
Safety & Emissions	IEC(IEC 60601-1 / IEC 60601-1-2), EN(EN60601-1 / EN 60601-1-2), IEC(IEC 60950-1 / CISPR32 / 35), EN(EN 60950-1 / EN55032, 55035), cUL (ANSI/AAMI ES 60601-1, CSA CAN/CSA-C22.2 NO. 60601-1), FCC (FCC pat 15 Class A), RoHS, REACH, WEEE, FDA 510(k) (Class II)
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

