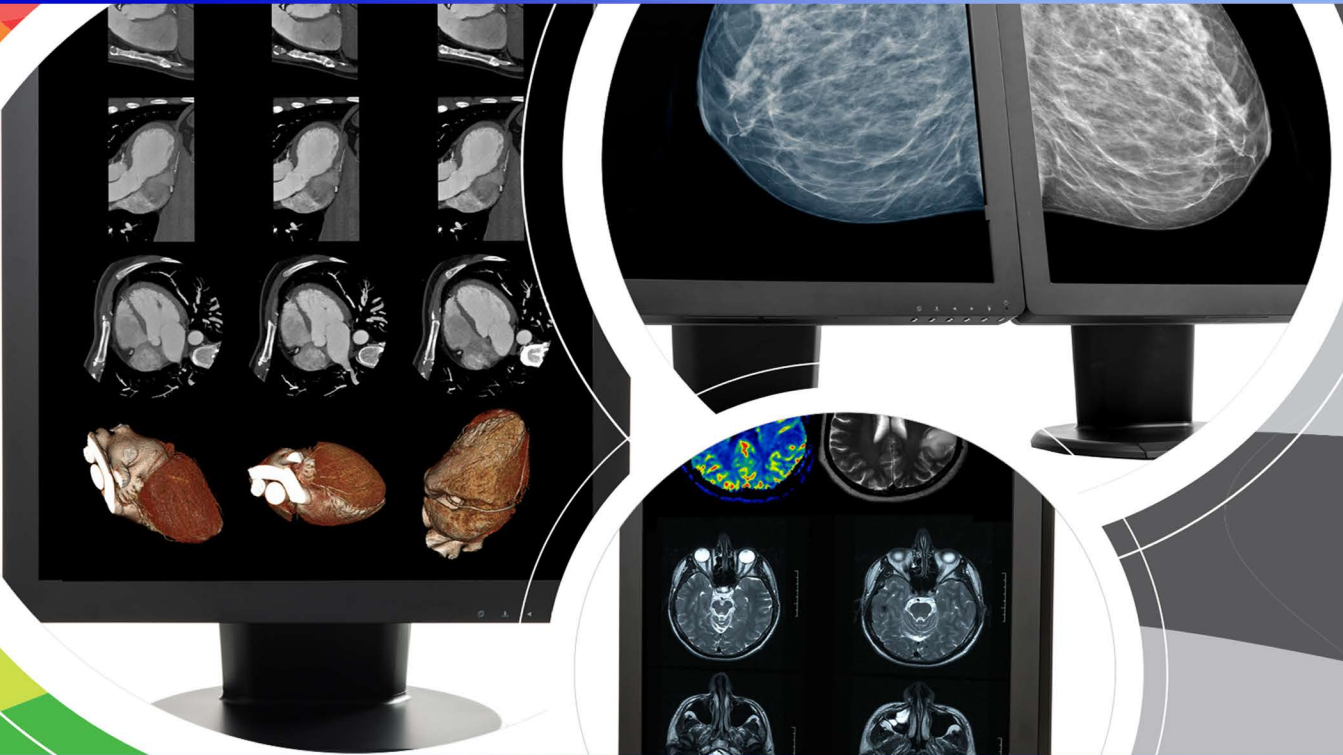


Next Gen N-Series Diagnostic Monitors



Double Black Imaging's Image Systems

brand of 2, 3 and 5MP medical grade diagnostic displays again set the standard for quality, flexibility and accuracy in diagnostic LCDs.

Diagnostic Quality ... All the Time.

Exceptionally high brightness, high contrast ratios and calibration capabilities ensure consistent diagnostic quality images over years of use. Confidence is high and workflow is enhanced with these effective PACS display solutions for viewing both grayscale and color images - including multi-modality exams involving X-ray, DR, CR, MRI, US, PET, 3D, Mammography, Digital Breast Tomosynthesis, Cardiology, Nuclear Medicine, and Digital Pathology.

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.















N-Series - Technical Highlights



All N-Series Displays Include:

- Sleek/Slim case design
- IPS AMLCD Panel
- LED backlight technology
- Front sensor (3rd Gen)
- Backlight sensor
- Ambient light sensor
- PrivateLight for document reading
- External Power Supply
- Selectable White Point (M5MPn & T)
- DVI and Display Port video interface
- USB and DDC communications
- CFS™ Calibration Software

2MP Color - C2MPn	3MP Color - C3MPn	5MP Color - C5MPn
		
		
2MP 21.3" Color	3MP 21.3" Color	5MP 21.3" Color
800 cd/m ²	900 cd/m ²	800 cd/m ²
Multi-Modality PACS	Multi-Modality PACS	Multi-Modality PACS + Breast/Tomo

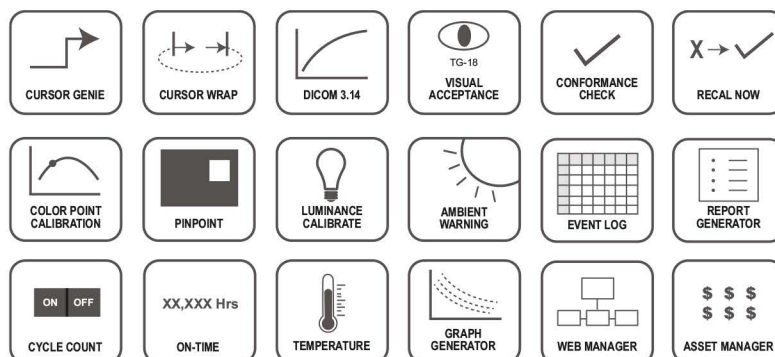
3 MP Gray – M3MPn	5 MP Gray – M5MPn	5 MP Gray – M5MPnT
		
		
3MP 21.2" Grayscale	5MP 21.3" Grayscale	5MP 21.3" Grayscale
1700 cd/m ²	1200 cd/m ²	2000 cd/m ²
Radiology	Radiology + Breast/Tomo	Radiology + Breast/Tomo

Calibration Feedback System – CFS™

Our Industry-leading CFS Software:

- Ensures calibration and confidence to DICOM 3.14
- Provides tools to enhance visibility, efficiency, workflow
- Enables performance monitoring and asset management

CFS Software comes standard with every Image Systems Display






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Specifications are subject to change without notice.

N-Series - Technical Specifications

N-Series Color		 C2MPn	 C3MPn	 C5MPn			
Size				21.3"			
Resolution		1200 × 1600		1536 × 2048	2048 × 2560		
Brightness	Calibrated	800 cd/m ²	450 cd/m ²	900 cd/m ²	450 cd/m ²	800 cd/m ²	450 cd/m ²
Contrast		1400:1				800:1	
Look Up Table		14-Bit					
Technology		TFT AMLCD IPS Color, LED Backlit					
Viewing Angle		178°/ 178°, at 10:1 Contrast Ratio					
Weight with Stand		20.50 lbs		22.27 lbs		24.25 lbs	
Dimension (W × H × D)		366.0 × 518.8 × 248.8 mm				390.3 × 520.1 × 248.8 mm	
Mounting Options		100 × 100 mm VESA					
Input Power		AC Input 100 – 240 V ±10%, 60 Hz/50 Hz ±3 Hz					
Power Consumption		Max: 75 W / Power Save Mode: 2 W				Max: 100 W / Power Save Mode: 2 W	
Operating Range		0 °C to +40 °C (+32 °F to +104 °F)					
Operational Humidity		10 % to 80 %					
Storage Temperature		-20 °C to +60 °C (-4 °F to +140 °F)					
Safety & Emissions		ANSI/AAMI, ES 60601-1, CAN/CAS C22.2, No.60601, IEC/EN60601-1, FDA510K, FCC Class B, VCCI, KC, ICES, C-Tick					
Pixel Pitch		0.270 × 0.270 mm		0.2109 × 0.2109 mm		0.165 × 0.165 mm	
Video Input / USB		DVI-D, DisplayPort / 1 up and 3 down-streams					
Tilt/Swivel/Height Adjustment		-3,+15'/ ±20° / 110 mm					
Sensor Built In		Front Sensor (3 rd gen), Backlight Sensor, Ambient Light Sensor, Temperature sensor					
Warranty		5-Year standard warranty with Hot Swap					

N-Series Grayscale				 3MP	M3MPn	 5MP	M5MPn	M5MPnT	 5MP
Size				21.2"		21.3"			
Resolution				1536 × 2048		2048 × 2560			
Brightness		Calibrated		1700 cd/m ²	500 cd/m ²	1200 cd/m ²	500 cd/m ²	2000 cd/m ²	1000 cd/m ²
Contrast				1400:1		500:1		1000:1	
Look Up Table				14-Bit					
Technology				TFT AMLCD IPS Grayscale, LED Backlit					
Viewing Angle				178°/ 178°, at 10:1 Contrast Ratio					
Weight with Stand				21.50 lbs		23.59 lbs			
Dimension (W × H × D)				390.3 × 518.8 × 248.8 mm					
Mounting Options				100 × 100 mm VESA					
Input Power				AC Input 100 – 240 V ±10%, 60 Hz/50 Hz ±3 Hz					
Power Consumption				Max: 55 W / Power Save Mode: 2 W		Max: 50 W / Power Save Mode: 2 W		Max: 65 W / Power Save Mode: 2 W	
Operating Range				0 °C to +40 °C (+32 °F to +104 °F)					
Operational Humidity				10 % to 80 %					
Storage Temperature				-20 °C to +60 °C (-4 °F to +140 °F)					
Safety & Emissions				ANSI/AAMI, ES 60601-1, CAN/CAS C22.2, No.60601, IEC/EN60601-1, FDA510K, FCC Class B, VCCI, KC, ICES, C-Tick					
Pixel Pitch				0.21075 × 0.21075 mm		0.165 × 0.165 mm			
Video Input / USB				DVI-D, DisplayPort / 1 up and 3 down-streams					
Tilt/Swivel/Height Adjustment				-3,+15'/ ±20° / 110 mm					
Sensor Built In				Front Sensor (3rd gen), Backlight Sensor, Ambient Light Sensor, Temperature sensor					
Warranty				5-Year standard warranty with Hot Swap					

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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