Display Systems

Imaging Solutions offers a comprehensive range of Clinical and Diagnostic Medical Displays. Our displays are designed to meet the highest standards of performance, providing excellent brightness, contrast, and resolution for accurate and efficient image analysis. Our displays are also equipped with features such as calibration tools and DICOM compliance, ensuring accurate and consistent display of medical images.

your single source supplier™

IMAGING Solutions

IMAGING Solutions

Trusted provider to medical imaging professionals since 2000

Imaging Solutions is celebrating over 25 years as a trusted provider of market-leading medical imaging equipment and accessories. With an unwavering commitment to innovation, quality, and service, we continue to deliver cutting-edge solutions that empower healthcare professionals worldwide.

25 years

your single source supplier ™

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Regulatory Notice

Imaging Solutions operates in Australia, New Zealand, the United States, the European Union, and engages with resellers and distributors globally. Product availability in this catalogue may vary by region and is subject to local regulatory classifications and approvals. Certain products may only be available in jurisdictions where they have been registered or authorized by the relevant regulatory authorities. For details on product availability in your region, please contact Imaging Solutions.

About Barco Radiology Monitors

For you as radiologist, we provide display systems that can help improve your reading experience in all aspects: speed, accuracy, intuitiveness, flexibility and ergonomics. How? Through a complete, unified imaging solution: high-quality medical display, ultra-fast controller, and automated calibration & QA to ensure peak performance and uptime. Anywhere, anytime.

Technology tailored to your reading workflow

Our radiology monitors are more than just a medium for viewing images. They're packed with technologies, tailored to the unique aspects and needs that come with your radiology reading work. To develop these, our R&D teams collaborate with customers and experts.

Take I-Guard for example. This front sensor makes sure that your screen quality remains the same throughout your display's entire lifetime.

Always a clear view of your healthcare enterprise

QAWeb Enterprise helps you manage image QA standards and guidelines across your entire healthcare enterprise with less effort, lower cost, and complete confidence.

- Consistent images over time
- Your displays' image quality status, at the click of a button
- Fully automated and secure

"Reading images with excellent colour and brightness gives us more clarity and causes less eye strain. We also love the Barco productivity tools; the smart features are incredible and we're working more efficiently than ever."

Dr. Ade Faisal

Chief Radiologist at Santosa Hospital, Indonesia

Work smarter, not harder

Our unique suite of Intuitive Workflow Tools is designed to help you work with focus, flexibility, and comfort. Concentrate on vital details with ease, personalize your workstation's settings and create an extra comfortable environment to work in.

Did you know that SpotView, for example, decreases reading time by as much as 15.5%?*

** Krupinski, E. (2018). Reducing Radiation Dose in Digital Mammography by Increasing Display Luminance. Proceedings of SIIM, 2018.*

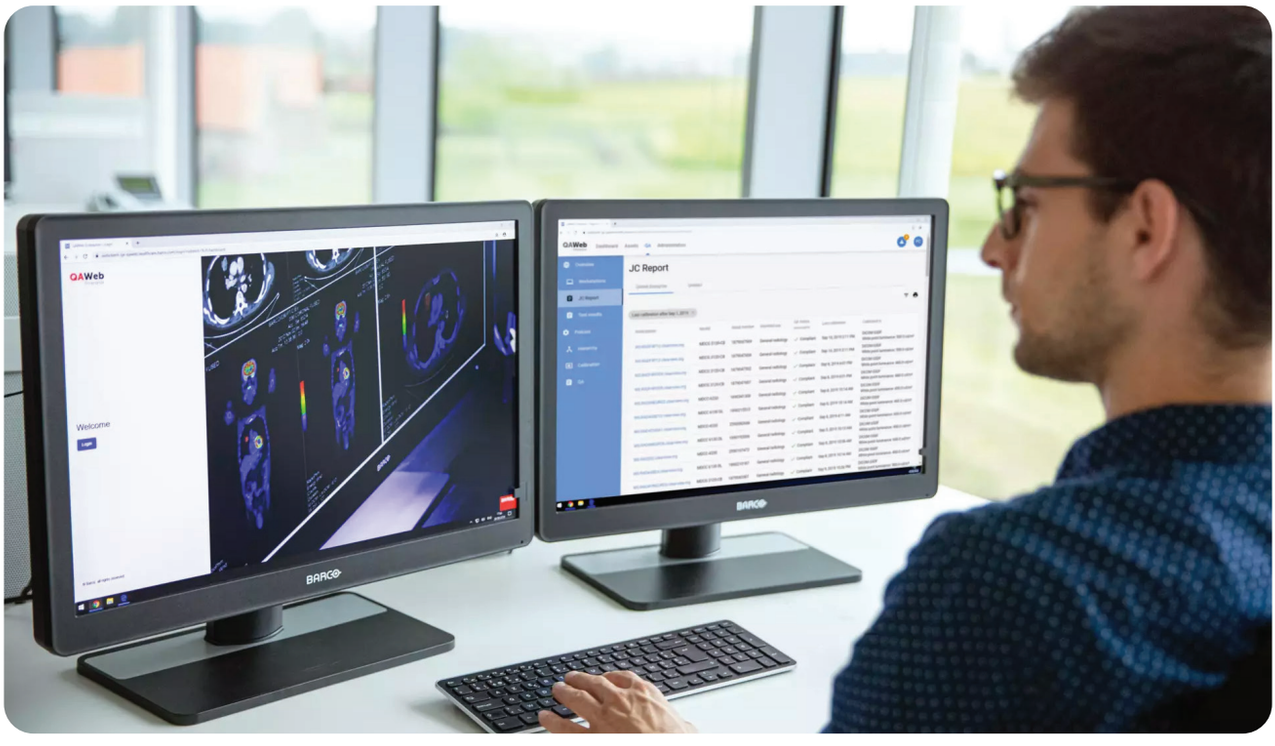
Comfortably at work, anywhere

Some radiologists only occasionally perform remote exams, in case of emergencies for example. Others have one or more fixed days in the week dedicated to working at home. And some rads even work remotely full-time.

Whichever type you are, having the right setup at home or at your remote office location is important. For you and for your patients.

Radiology displays in the spotlight

Uniti display with SoftGlow and keyboard light



QAWeb Enterprise

Always a clear view

QAWeb Enterprise supports consistent image quality through automated calibration and QA, and also enables compliance to the latest regional and international regulations for image quality. Get the most out of your display fleet, in the hospital, at home, or elsewhere, and ensure best-in-class performance and optimal usage throughout your displays' lifetimes.

What makes QAWeb Enterprise so unique?

- Scalable: Powerful tools to manage workstations from anywhere, at anytime
- Flexible: Customize policies to meet your quality requirements
- Intuitive: Effortless compliance and smart reporting
- Secure: Assured security and patient privacy

Intuitive Workflow Tools

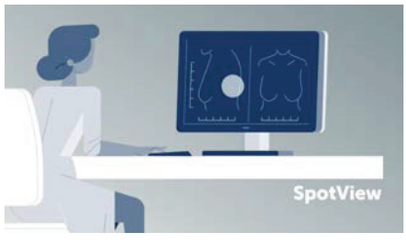
Diagnostic work can be complicated, with many cases to analyze in little time. That's why your medical display should not just be a medium to view digital images, but also an active tool that helps you work with them, comfortably. Our Intuitive Workflow Tools are designed to do exactly that.

Thanks to our advanced medical display controllers, Intuitive Workflow Tools are integrated into your Barco display for radiology, mammography, pathology, clinical review imaging and dentistry.

- Improve your focus with a range of tools specifically designed to help you concentrate on important details.
- Adapt your workstation's settings to how both you and your colleagues work best.
- Boost your workflow further thanks to those extras and make your workspace extra comfortable!

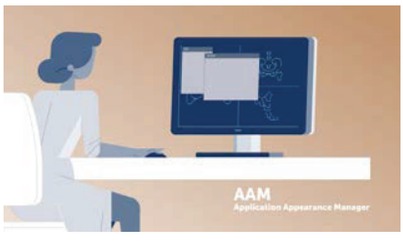
You choose which ones you use, and how you use them. Work smarter, not harder!

Some Intuitive Workflow Tools in the spotlight…



SpotView
SpotView enables focused observation during readings by dimming images outside a region of interest and enhancing the contrast within it.

Especially helpful when viewing pediatric extremities, breast calcifications and chest images, SpotView supports analyzing subtle differences in the image.



Application Appearance Manager
The high luminance of your diagnostic display may not be necessary when you're using it to view text documents, emails or other non-diagnostic applications. AAM allows you to set windows of specific applications to a lower luminance or different colour profile, while retaining the full diagnostic luminance for applications that require it.

SoftGlow
Get full control of the ambient light surrounding your workstation. Displays equipped with SoftGlow offer you two light sources, coming from your display.

In this way, your eye needs to adapt less intensively when it moves from your bright display to something in your darker office. You can choose which one should be on or use both at the same time. Adjust their brightness according to your preference!

33" SCREEN | 32 MP | RAPIDFRAME | STEADYCOLOR | WIDE GAMUT | TOUCHPAD | TOUCH BAR | SPOTVIEW | SOFTGLOW | I-GUARD | I-LUMINATE | QAWEB | ECO | 5Y WARRANTY

Coronis OneLook®

breast imaging **radiology**

Meet the Barco Coronis OneLook display solution, brought to you by the team behind the world-class Coronis Uniti. From supporting orthopedics to helping you find tiny breast calcifications: Coronis OneLook is Barco's paragon coming after decades of research and development – your perfect radiology assistant, which will serve for years to come.

Complete images in one look

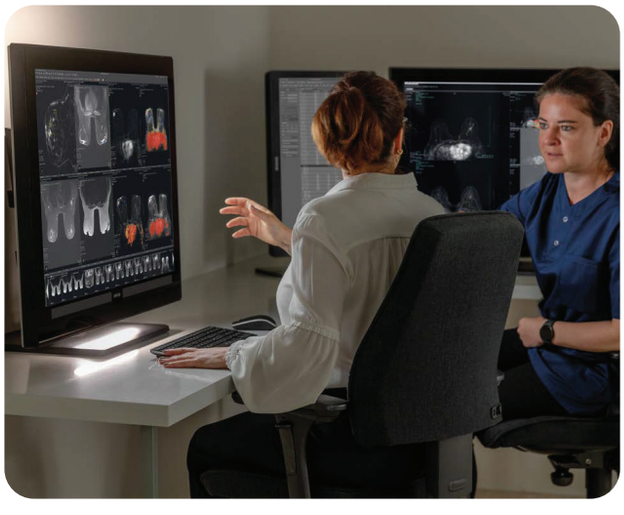
With its 32-megapixel resolution, Coronis OneLook boasts the highest number of image lines and pixels we have ever achieved at Barco. Straight from the acquisition machine, you get to see every detail of your medical image without needing to zoom in and pan in steps. An industry first!

Extreme detail

Coronis OneLook's impressive brightness of 1,200 cd/ m^2 and 1300:1 contrast ratio result in an extremely high medical contrast. Details easily stand out thanks to 770 just noticeable differences, which you can boost up as high as 849 with the I-Luminate brightness booster. Additionally, the monitor's OpticalGlass reduces reflections and makes cleaning easy, so you see your images in all their sharpness.

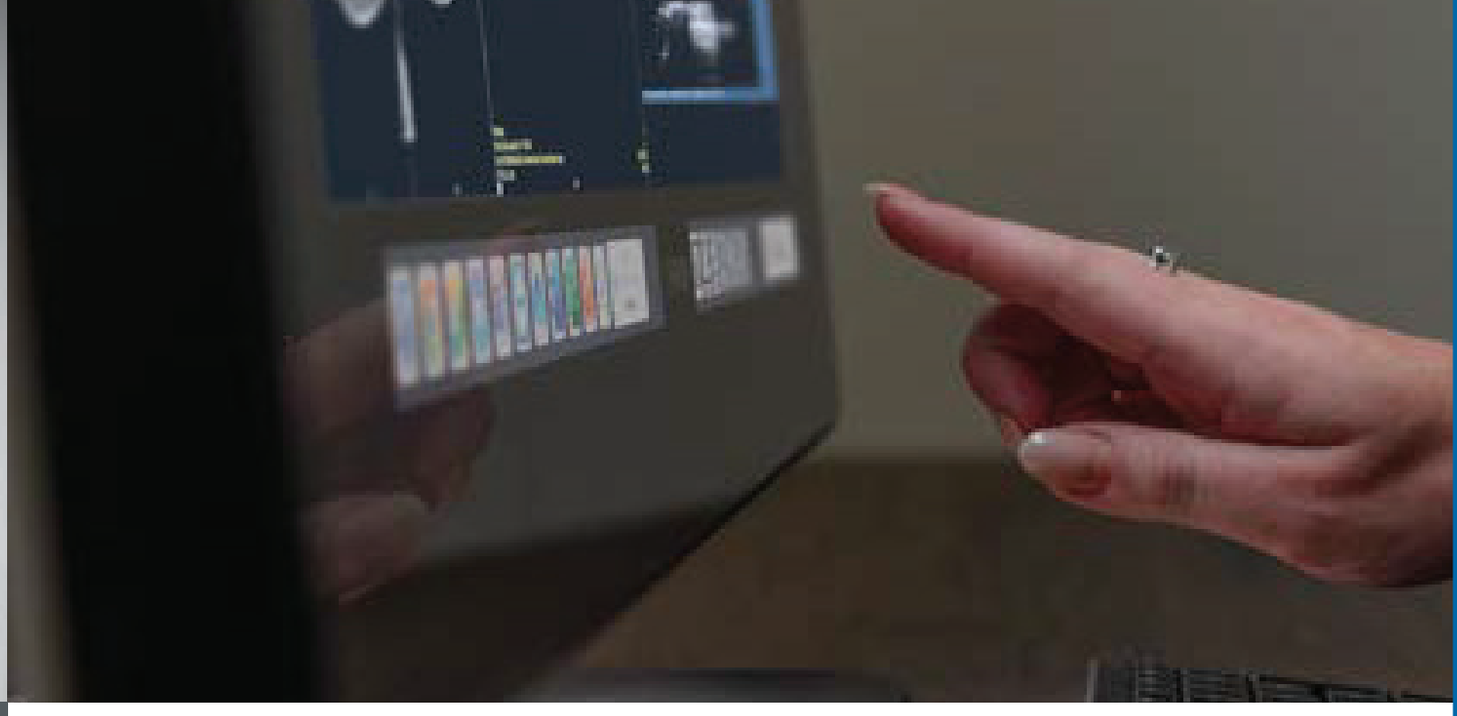
Excellent colour representation

Coronis OneLook offers a high range of colours, so you can easily see nuances in biomarker and other coloured information. The display solution also includes our SteadyColour calibration technology for consistent colours throughout its entire lifetime.



Your benefits

- 32-megapixel resolution on large 33" screen: see complete images in one glance
- 1,200 cd/m^2 brightness and 1300:1 contrast ratio: high medical contrast
- Extra wide colour gamut with SteadyColour technology: clear & consistent colours
- Customizable on-screen touch buttons: personalized workflow
- QAWeb Enterprise platform: centralized QA & compliance management



Effortless quality & compliance

Like all Barco medical displays, Coronis OneLook can be connected to our cloud-based QAWeb Enterprise platform. This enables **automated calibration and remote, centralized QA and compliance management.** QAWeb Enterprise syncs with the display's I-Guard front sensor to make sure it's always calibrated correctly.

Barco displays are known for their long lifetimes, keeping their image quality consistent and in the same quality from beginning to end. Coronis OneLook comes with a 5-year warranty which can be extended to 7.

Diagnostic advantage

- Full-resolution viewing
- Seamless multi-image display
- High-contrast imaging: enhancing detection[3] & efficiency
- Versatility meets excellence

Personalize your workflow

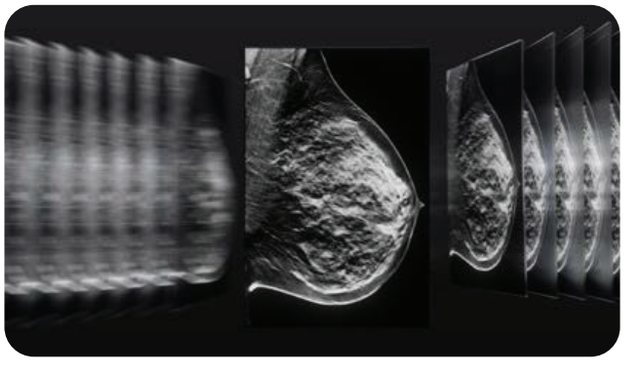
Coronis OneLook has been optimized with our latest insights into radiology workflow and comfort. In addition to our suite of Intuitive Workflow Tools and Barco touchpad, it includes an **on-screen bar with customizable touch buttons,** so you can launch your go-to applications without any clicks.

Large screen surface

Coronis OneLook's large 33" screen allows you to v**iew multiple medical images** on its screen at the same time, in the layout that works best for you. This format, called Fusion, has been proven to **improve productivity by 19%.1**

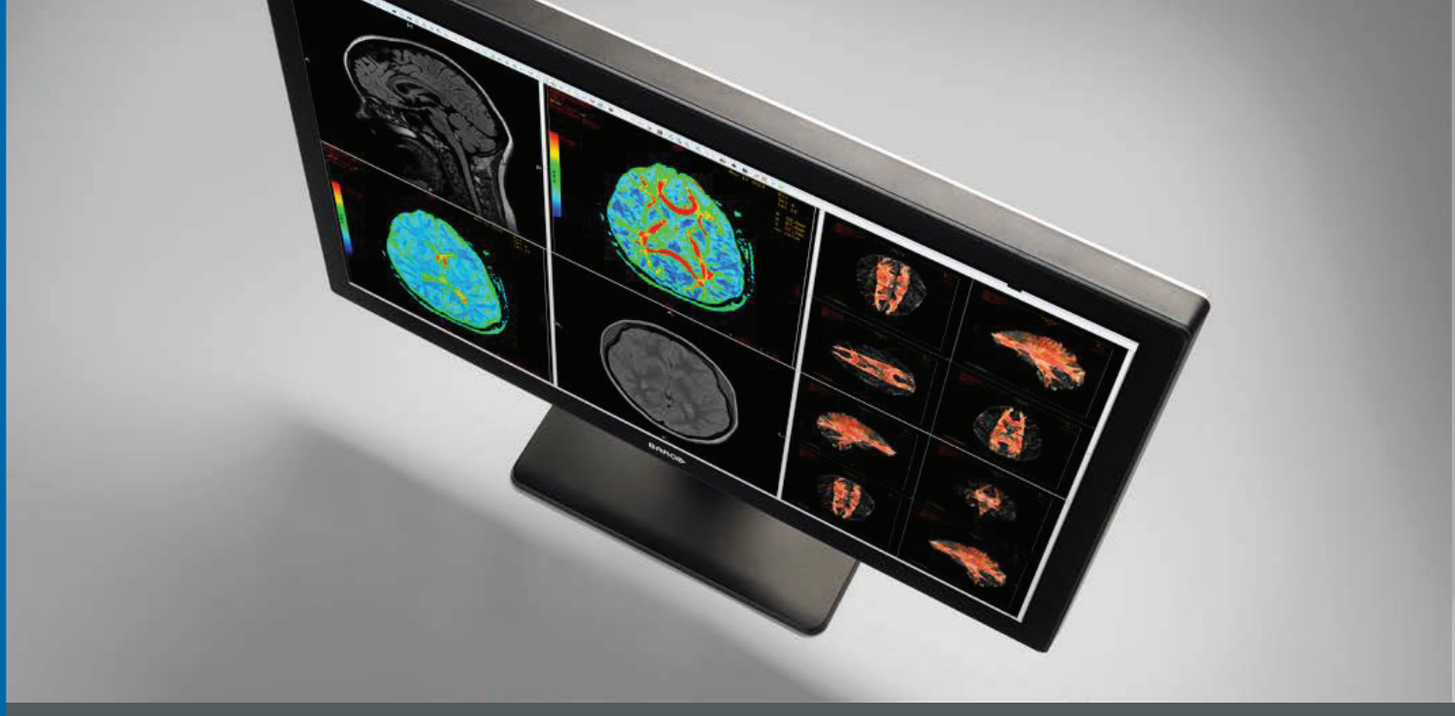
Crystal-clear moving images

Coronis OneLook enables **fast image loading and smooth playback** of studies, thanks to its powerful image processing and graphics. Optimized for 3D cine examinations of CT, ultrasound, and breast MRI, the monitor is also is equipped with our patented RapidFrame technology, which can lead up to a **10% higher detection of small details in moving images.2**



1 In retrospective simulated use. Weschler, M. (2012). 6MP Displays Offer Speed, Comfort Benefits. Auntminnie, 2012.

2 When used in displays intended for digital breast tomosynthesis, such as Coronis OneLook. Marchessoux, C., et al. (2011). Validation of New Digital Breast Tomosynthesis Medical Display. Proceedings of SPIE, 7966, 79660R, 2011.



30" SCREEN | FUSION | STEADYCOLOR | STEADY GRAY | COLOR PPU | QAWEB | I-GUARD | MULTI-SENSOR | DL | ALC | WIDE GAMUT | SOFTGLOW

DAISYCHAINING | COVER | ECO | 5Y WARRANTY

Coronis Fusion

radiology

Coronis Fusion, perfected for colour imaging with vivid and calibrated colours to help you see important colour image details. Ergonomically designed to reduce repetitive stresses. Optimized for an efficient workflow with our suite of Intuitive Workflow Tools.

Your benefits

- Bright, calibrated luminance of 600 cd/m2 for the lifetime of the display
- Uniform luminance with patented Colour PPU technology
- High contrast of 2000:1 to see subtle image details
- SteadyColour™ calibration technology to see details in the important colour content of images
- Wide Gamut display
- Wide viewing angle in your field of view
- Higher brightness allows you to see more details with less eye strain
- SoftGlow™ task and wall lighting
- SpotView™ to see more details in the image more quickly – 15.5% decreased reading time
- Auto QA and compliance tests meet the latest regional standards
- Assure compliance and uptime of all your PACS workstations
- Intervention-free QA saves time, reduces effort and cost
- Industry-leading 5-year warranty

A brighter diagnosis

Coronis Fusion, Barco's renowned multi-modality display for radiologists, now comes in a new, energy-efficient and lightweight design. Bright on so many levels, Coronis Fusion has been designed to help radiologists provide care with confidence.

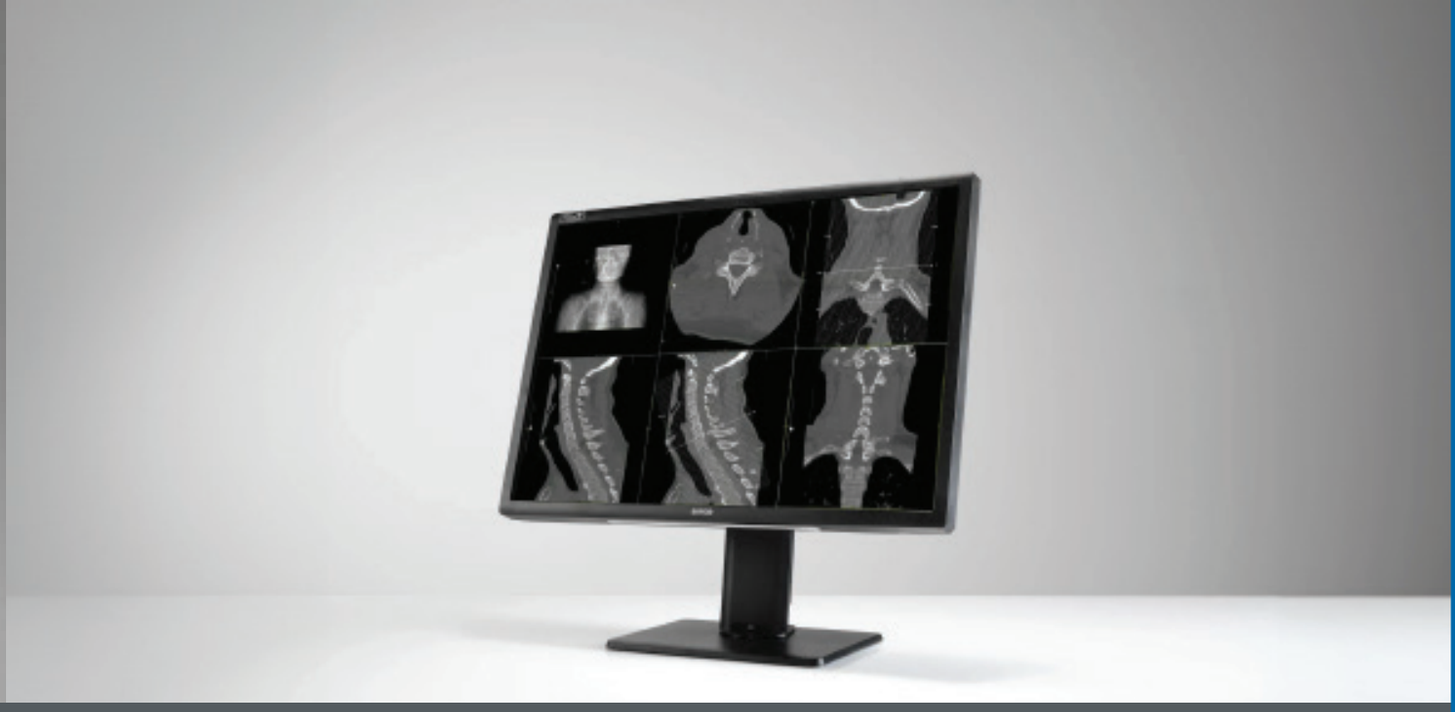
See more details quickly thanks to the high brightness, high contrast ratio and best-in-class image quality. What's more, the wide colour gamut in combination with SteadyColour™ calibration technology helps you see even more colours and more details on the 30-inch screen.

Smart workflow

Designed for your comfort and to boost productivity, Coronis Fusion comes with smart image-enhancing features and workflow tools. The display's wide viewing angle combined with the SoftGlow™ task and wall light help reduce eye strain. Thanks to SpotView, radiologists can further improve detection accuracy as well as reading productivity.

Effortless quality & compliance

Like all of Barco's medical display systems, Coronis Fusion comes with QAWeb Enterprise, a cloud-based technology for automated calibration, Quality Assurance and compliance to ensure maximum uptime of the display with no need for human intervention.



Nio

mammography **radiology** **dentistry**

A family of diagnostic displays that bring dependable diagnostic imaging to its true potential. Nio's proven technologies ensure diagnostic confidence at all times, making it the standard for the radiology reading room.

Your benefits

- Most efficient dual-head option on the market
- Highest brightness and contrast - luminance ratio exceeds ACR guidelines
- Minimal image manipulations – less windowing, leveling, zooming & panning
- More DICOM JNDs to see more subtle details quicker
- Uniform image rendering center to edge
- Factory-fit front cover reduces reflection and improves visible contrast
- Industry-leading 5-year warranty

Clinical collaboration at home, in the hospital, anywhere

Nio Colour 8MP

- Designed for home reading with integrated microphone, camera and speakers
- Large 32" screen size with 8MP resolution and excellent image quality
- Automated QA & compliance

No detail goes unnoticed

Barco's Nio Colour 5MP renders excellent colour and grayscale images used in general radiology as well 2D and 3D mammography. Its high brightness and high contrast ratio help you discern the most subtle image details for an accurate diagnosis. And the additional resolution allows you to fit more of the image on the screen for reduced panning and zooming.

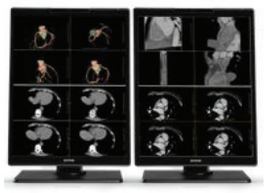
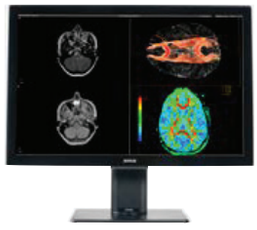
Using Barco's integrated front sensor, the Nio Colour 5MP works perfectly together with Barco's QAWeb Enterprise solution for automated Quality Assurance and calibration. QAWeb Enterprise guarantees stable DICOM grayscale images and, with SteadyColour, consistent calibrated colour images throughout the display's lifetime.

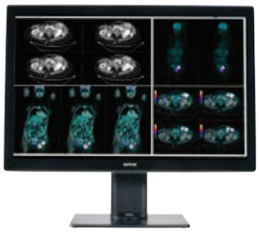
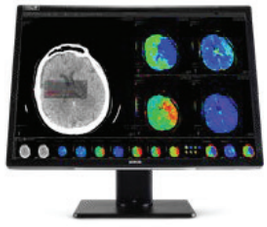
Work smarter

With the integrated smart features, you can easily take control and improve your productivity. SpotView™, for example, allows you to focus on an area of interest to unveil even more details. And with DimView™, auxiliary displays can be dimmed automatically so they don't interfere with your reading experience.

The Nio Colour 5MP is an excellent solution for radiologists who want to angle their desktop: it lets you choose your preferred viewing angle and offers a highly ergonomic display configuration. It's also possible to switch between Clearbase and Bluebase viewing modes on-the-fly. Whether to suit the image type or to change reading preferences, you decide which colour you want, and when.

Radiology and Mammography Displays

	2MP	3MP	4MP	5MP
	MDNC-2521	MDNC-3521	MDCC-4430	MDNG-6221
				
	Nio Colour 2MP	Nio Colour 3MP	Coronis Fusion 4MP	Nio Gray 5.8MP
Warranty	5 years	5 years	5 years	5 years
Active Screen Size (H X V)	433 x 325 mm (17.1 x 12.8")	433 x 325 mm (17.1 x 12.8")	655 x 410 mm (25.8 x 16.1")	324 x 433 mm (12.77" x 17")
Screen Technology	IPS-SFT Colour LCD	IPS-SFT Colour LCD	IPS-TFT colour LCD	LCD
Diagonal Size	541 mm (21.3")	541 mm (21.3")	772 mm (30.4")	541 mm (21.3")
Aspect Ratio	4:3	4:3	16:10	3:4
Resolution	2MP (1200 x 1600)	3MP (1536 x 2048)	Native 4MP (2560 x 1600) Configurable to 2 x 2MP+ (1280 x 1600) Configurable to 2 x 2MP (1200 x 1600)	5.8 MP (2100 x 2800)
Luminance (DICOM Calibrated)	1000 cd/m² (600 cd/m²)	1050 cd/m² (600 cd/m²)	1050 cd/m² (600 cd/m²)	1000 cd/m² (600 cd/m²)
Contrast Ratio	2000:1	2000:1	2000:1	1400:1
Screen Protection	Factory fit protective, non-reflective glass cover	Factory fit protective, non-reflective glass cover	Factory fit protective, non-reflective glass cover	Factory fit protective, non-reflective glass cover
Sensor Technology	Integrated I-Guard frontofscreen photometer sensor, ALC	Integrated I-Guard frontofscreen photometer sensor, ALC	Integrated I-Guard front-ofscreen colour sensor, Intelligent Multi-Sensor Technology, ALC	Integrated I-Guard front-ofscreen photometer sensor, ALC
Diagnostic Imaging Technology	SteadyColour, SteadyGray, MXRT, Intuitive Workflow Tools	SteadyColour, SteadyGray, MXRT, Intuitive Workflow Tools	SteadyColour, Colour PPU, SmoothGray, MXRT, Intuitive Workflow Tools with optional touchpad	ULT, SteadyGray, MXRT, Intuitive Workflow Tools
Video Input Signals	DisplayPort 1.4 (2x)	DisplayPort 1.4 (2x)	DisplayPort 1.2 (2x)	DVI-D Dual Link, DisplayPort
Medical Device Regulations	"FDA: Medical Device Class II EC: Medical device class IIa (Regulation (EU) 2017/745"	"FDA: Medical Device Class II EC: Medical device class IIa (Regulation (EU) 2017/745"	FDA: Medical Device Class II EC: Medical device class IIa (Regulation (EU) 2017/745	FDA: Medical Device Class II EC: Medical device class IIa (Regulation (EU) 2017/745
Package Includes	Nio display system, MXRT graphics controller, Intuitive Workflow toolset, 5-year allinclusive warranty, QAWeb	Nio display system, MXRT graphics controller, Intuitive Workflow toolset, 5-year allinclusive warranty, QAWeb	Coronis Fusion diagnostic display system, MXRT graphics controller, Intuitive Workflow toolset, 5-year all-inclusive warranty, QAWeb	Nio display system, MXRT graphics controller, Intuitive Workflow toolset, 5-year allinclusive warranty, QAWeb
Options Additional	MXRT graphics controller options, Additional service and warranty options	Additional MXRT graphics controller options, Additional service and warranty options	Additional MXRT graphics controller options, Additional service and warranty options	Additional MXRT graphics controller options, Additional service and warranty options

	6MP	8MP	12MP	32MP
MDNC-6121	MDCC-6530	MDNC-8132	MDNC-12130	MDMC-32133
				
Nio Colour 5MP	Coronis Fusion 6MP	Nio Colour 8MP	Nio Fusion 12MP	Coronis OneLook
5 years	5 years	5 years	5 years	5 years
433 x 325 mm (17 x 12.8”)	654 x 409 mm (25.8 x 16.1")	708.48 x 398.52 mm (27.9 x 15.7”)	653 x 435 mm (25.7 x 17.1")	708.1 x 472.1 mm (27.8 x 18.6”)
a-si TFT active matrix dual domain IPS	IPS-TFT colour LCD	IPS	LCD	IPS
540 mm (21.3”)	772 mm (30.4")	812.80 mm (32”)	784 mm (30.9")	850 mm (33″)
3:4	16:10	16:9	3:2	3:2
5.8MP (2100 x 2800)	Native 6MP (3280 x 2048) Configurable to 2 x 3MP+ (1640 x 2048) Configurable to 2 x 3MP (1536 X 2048)	8MP (3840 x 2160)	Native 12MP (4200 x 2800) Configurable to 2 x 5.8MP (2100 x 2800)	32MP (6848 x 4656 pixels) (with touchbar)
1000 cd/m² (600 cd/m²)	1050 cd/m² (600 cd/m²)	850 cd/m² (420 cd/m²)	1200 cd/m² (600 cd/m²)	2100 cd/m²
1400:1	2000:1	1350:1	1500:1	1300:1
Factory fit protective, non-reflective glass cover	Factory fit protective, non-reflective glass cover	N/A	N/A	Protective, anti-reflective optical glass with anti-smudge layer
Integrated front-of-screen sensor, BLOS, ALC	Integrated I-Guard front-ofscreen photometer sensor, Intelligent Multi-Sensor Technology, ALC	Ambient light sensor, I-Guard front sensor, Presence sensor	I-Guard, ALS	Integrated colour I-Guard front-of-screen photometer sensor, Intelligent Multi-Sensor Technology, ALC
ULT, MXRT, Intuitive Workflow Tools, Steady- Colour, SteadyGray, Clear/ BlueBase	SteadyColour, Colour PPU, SmoothGray, MXRT, Intuitive Workflow Tools with optional touchpad	ULT, MXRT, Intuitive Work-flow Tools, SteadyColour, SteadyGrey	RapidFrame™, ULT, MXRT, Intuitive Workflow Tools, SteadyColour™, SteadyGray	SteadyColour, DuraLight, I-Luminate, RapidFrame, Clear/BlueBase, SoftGlow, MXRT, Intuitive Workflow Tools
DVI-D Dual Link, DisplayPort	DisplayPort 1.2 (x2)	DisplayPort 1.4 (x2)	DisplayPort 1.2 (2x) with built-in KVM switching	4x DisplayPort 1.4 ports: 2x available, 2x covered
FDA: Medical Device Class II EC: Medical device class IIa (Regulation (EU) 2017/745	FDA: Medical Device Class II EC: Medical device class IIa (Regulation (EU) 2017/745	FDA: Medical Device Class II EC: Medical device class IIa (Regulation (EU) 2017/745	FDA: Medical Device Class II EC: Medical device class IIa (Regulation (EU) 2017/745	FDA: Medical Device Class II EC: Medical device class IIa (Regulation (EU) 2017/745
Nio display system, MXRT graphics controller, Intuitive Workflow toolset, 5-year allinclusive warranty, QAWeb	Coronis Fusion diagnostic display system, MXRT graphics controller, Intuitive Workflow toolset, 5-year all-inclusive warranty, QAWeb	Nio display system including built-in multimedia functionalities, MXRT graphics controller, Intuitive Workflow toolset, 5-year all-inclusive warranty, QAWeb	Nio display system, MXRT display controller, Intuitive Workflow toolset, Warranty for 5-years including 40,000 hour backlight, QAWeb	Coronis OneLook diagnostic display incl. touchbar, MXRT graphics controller, Intuitive Workflow toolset, SoftGlow keyboard and wall light, QA-Web, Barco Touchpad
Additional MXRT graphics controller options, Additional service and warranty options	Additional MXRT graphics controller options, Additional service and warranty options	Additional MXRT display controller options, Additional service and warranty options	Additional MXRT display controller options, Additional service and warranty options	Additional service and warranty options

MDPC-8127

digital pathology

Meet MDPC-8127, Barco's ultra-high definition 27-inch medical display designed exclusively for digital pathology. With regulatory clearances for use in digital pathology including primary diagnosis, it's the first display that you can confidently integrate into your digital pathology workflow with multiple whole slide imaging systems.*

Ultra-high definition

The 8 megapixel, ultra-high definition display is fully equipped to offer you diagnostic clarity. It has a high pixel density and colour per-pixel-uniformity, so slide images are displayed extremely sharp and consistent. This combination of technologies offers you more visible slide area to work with, at all viewer zoom levels, to help spot details more easily and aid in timely analysis.

Warranty	5 years
Active screen size	569 x 335 mm (22.4 x 13.2")
Screen technology	IPS LCD with LED
Diagonal size	684 mm (27")
Aspect ratio	16:9"
Native resolution	8MP (3840 x 2160 @ 120Hz)
Luminance	450 cd/m² (max. 850 cd/m²)
Contrast ratio	1000:1
Colour depth	10 bit
Colour gamut	132% sRGB
Sensor technology	I-Guard & ambient light sensors
Imaging technology	RapidFrame, PPU
Video input signals	2x DisplayPort 1.2
Medical device regulations	FDA: Class II EC: Medical device class IIa (Regulation (EU) 2017/745)
Package includes	MDPC-8127, QAWeb Enterprise, Barco touchpad, 5-year warranty
Options	MXRT display controller Intuitive Workflow Toolset

CLEARED | CONSISTENCY | QAWEB | DICOM | WIDE VIEW | CLEANABLE | PIVOT | 3Y WARRANTY

Eonis

dentistry **EMR** **other**

Ranging from 1MP to 8MP and available in different sizes, Barco's Eonis clinical monitors accommodate a wide variety of needs for viewing information and images, in the hospital and elsewhere. They combine consistent, high image quality and a versatile design with centralized quality assurance, including a unique front sensor for consistent images.

Your benefits

- Designed for hospital and dental environments
- Ambient Light pre-sets for dark rooms, offices and the OR
- Supports efficient inter-disciplinary collaboration with consistent quality controlled images
- Cleanable displays for infection control (70% alcohol-based cleaning agents)
- Sensor for bright and consistent image quality, and remote QA management tools
- Lowest cost-of-ownership over time without a need for capital budget
- 3-year warranty

Easy collaboration with consistent images

Eonis presents sharp, bright images. The display's unique front consistency sensor automatically aligns the image quality every time the display is switched on. The Eonis 24" can be used for consulting radiology and PACS images, as well as clinical review and consultation.

Result? Consistent images that make collaboration between specialists easier. Discuss images with colleagues at multiple locations, knowing that everyone is seeing identical images

Automated quality assurance

Eonis 24" comes with the cloud-based QAWeb Enterprise software, an online service for automated calibration, quality assurance and asset management.

Praised in hospitals around the world, QAWeb Enterprise allows healthcare IT and PACS administrators to centrally and remotely manage image quality across the healthcare organization, at the click of a button.

Fit for clinical review

Barco's Eonis display features multiple mounting and interface options, including a VESA mount. The user-friendly height, tilt and pivot adjustments of the base allow the monitor to be positioned for maximum comfort.

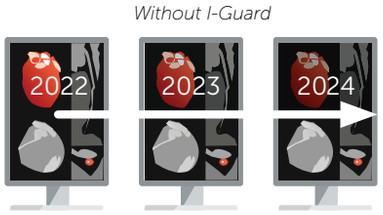
Like every Barco clinical review display, the Eonis 24" complies with international medical and patient safety standards.

Clinical Review Displays

	MDRC-1419	MDRC-2421	MDRC-2422	MDRC-2424	MDRC-8132
					
	Eonis 19”	Eonis 21”	Eonis 22”	Eonis 24”	Eonis Colour 8MP
Warranty	3 years	3 years	3 years	3 years	3 years
Active Screen Size	376 x 301 mm (14.8 x 11.9”)	432 mm x 324 mm (17.0” x 12.8”)	476 mm x 268 mm (18.7” x 10.5”)	518 mm x 324 mm (20.4” x 12.8”)	708 mm x 399 mm (27.9” x 15.7”)
Screen Technology	IPS-TFT Colour LCD	TFT Colour LCD	TFT Colour LCD IPS	TFT Colour LCD IPS	IPS
Diagonal Size	482 mm (19”)	541 mm (21.3”)	546 mm (21.5”)	609.6 mm (24.0”)	812.80 mm (32.0”)
Aspect Ratio	5:4	4:3	16:9	16:10	16:9
Native Resolution	1MP (1280 x 1024)	2MP (1600 x 1200)	2MP (1920 x 1080)	2MP (1920 x 1200)	8MP (3840 x 2160)
Luminance (DICOM Calibrated)	330 cd/m² (250 cd/m²)	440 cd/m² (250 cd/m²)	300 cd/m² (180 cd/m²)	Standard brightness version: 430 cd/m² (250 cd/m²) High brightness version: 600 cd/m² (350 cd/m²)	500 cd/m² (300 cd/m²)
Contrast Ratio	1000:1	1500:1	1000:1	1000:1	1000:1
Screen Protection	Optional: PCAP touchscreen	Optional: PCAP touchscreen	Optional: PCAP touchscreen	Optional: PCAP touchscreen	N/A
Front Sensor Technology	Front consistency sensor	Front consistency sensor	Front consistency sensor	Front consistency sensor	Front consistency sensor
Video Input Signals	DisplayPort, DVI	DisplayPort, DVI	DisplayPort, DVI	DisplayPort, DVI	DisplayPort 1.4 (x2)
Medical Device Regulations	FDA: Medical device class I EC: Medical device class I (Regulation (EU) 2017/745)	FDA: Medical device class I EC: Medical device class I (Regulation (EU) 2017/745)	FDA: Medical device class I EC: Medical device class I (Regulation (EU) 2017/745)	FDA: Medical device class I EC: Medical device class I (Regulation (EU) 2017/745)	FDA: Medical device class I EC: Medical device class I (Regulation (EU) 2017/745)
Package Includes	• Eonis display • 3-year all-inclusive warranty • QAWeb	• Eonis display • 3-year all-inclusive warranty • QAWeb	• Eonis display • 3-year all-inclusive warranty • QAWeb	• Eonis display • 3-year all-inclusive warranty • QAWeb	• Eonis display • 3-year all-inclusive warranty • QAWeb
Options	• MXRT graphics controller • PCAP touchscreen • Intuitive Workflow toolset • High-bright version • Additional service and warranty options	• MXRT graphics controller • PCAP touchscreen • Intuitive Workflow toolset • High-bright version • Additional service and warranty options	• MXRT graphics controller • PCAP touchscreen • Intuitive Workflow toolset • Additional service and warranty options	• MXRT graphics controller • PCAP touchscreen • Intuitive Workflow toolset • High-bright version • Additional service and warranty options	• MXRT graphics controller • Intuitive Workflow toolset • Additional service and warranty options

Dentistry Displays

	MDRC-2424	MDNC-2123, option DE	MDNC-3521, option DE
			
	Eonis 24” white	Nio Colour 2MP	Nio Colour 3MP
Warranty	3 years	5 years	5 years
Active Screen Size	518.4 mm x 324.0 mm (20.41” x 12.76”)	521 x 293 mm (20.5 x 11.5")	433 x 325 mm (17.1 x 12.8")
Screen Technology	LCD	LCD	IPS-SFT Colour LCD
Diagonal Size	609.6 mm (24.0”)	598 mm (23.6")	541 mm (21.3")
Aspect Ratio	16:10	16:9	4:3
Native Resolution	2MP (1920 x 1200)	2MP (1920 x 1080 pixels)	3MP (1536 x 2048)
Luminance (DICOM Calibrated)	Standard brightness version: 430 cd/m² (250 cd/m²) High brightness version: 600 cd/m² (350 cd/m²)	370 cd/m² (460 cd/m²)	1050 cd/m² (600 cd/m²)
Contrast Ratio	1000:1	1000:1	2000:1
Screen Protection	Protective, anti-glare glass cover	Optional: protective cover, anti-reflective glass cover	Factory fit protective, non-reflective glass cover
Front Sensor Technology	Front consistency sensor	Integrated front-of-screen sensor, BLOS, ALC presets	Integrated I-Guard front-ofscreen photometer sensor, ALC
Video Input Signals	DisplayPort, DVI	DisplayPort, DVI	DisplayPort 1.4 (2x)
Medical Device Regulations	FDA: Medical device class I EC: Medical device class I (Regulation (EU) 2017/745)	FDA: Medical Device Class II C: Medical device class IIa (Regulation (EU) 2017/745)	FDA: Medical Device Class II EC: Medical device class IIa (Regulation (EU) 2017/745)
Package Includes	• Eonis display • 3-year all-inclusive warranty • QAWeb	• Nio display • 5-year all-inclusive warranty • QAWeb	• Nio display system • MXRT graphics controller • Intuitive Workflow toolset • 5-year all-inclusive warranty • QAWeb
Options	• MXRT graphics controller • Intuitive Workflow toolset • Versions: white/black, standard/ high-brightness, cover/no cover/ touchscreen • Additional service and warranty options	• Additional MXRT graphics controller options • Intuitive Workflow toolset • Protective cover • Additional service and warranty options	• Additional MXRT graphics controller options • Additional service and warranty options



Without I-Guard

With I-Guard

I-Guard™ front sensor

This integrated, patented front-of-screen photometer has become the industrystandard technology for monitoring image quality and DICOM consistency. The new generation of I-Guard has been improved to measure much finer gradations of colours spread over the colour gamut of the display. Combined with Barco's QAWeb service, it provides an easy-to-use tool for calibration and Quality Assurance.

Benefits

- Worry-free DICOM accuracy
- Continuous, automated QA of the entire optical stack
- Remote assessment of your display's image quality

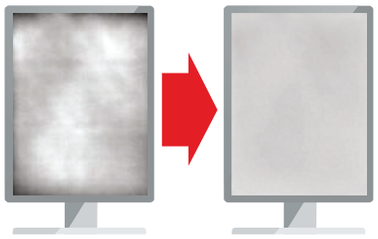
DICOM compliance under all lighting conditions thanks to ALC

Ambient Light Compensation™ (ALC)

Ensures that your diagnostic display system remains DICOM compliant under all lighting conditions by monitoring display brightness compared to the ambient light level in the room. In combination with QAWeb, ALC warns you when the ambient light level exceeds a predefined threshold.

Benefits

- DICOM compliance under all lighting conditions
- Optimal image quality in every environment so no detail goes unnoticed



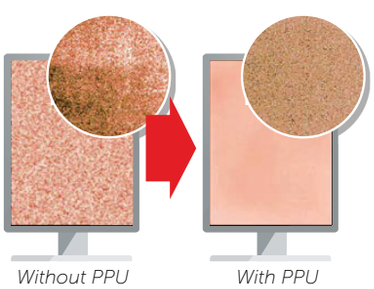
Without ULT *With ULT*

Uniform Luminance Technology™ (ULT)

LCD panels typically suffer from nonuniform behavior across more than 25% of the screen area, causing noise in the image. ULT eliminates those luminance and colour non-uniformities, making sure that your display is compliant with DICOM GSDF across the entire screen area.

Benefits

- Uniform luminance across the entire screen
- Perfect DICOM compliance from center to corner



Without PPU *With PPU*

Colour Per Pixel Uniformity™ (PPU)

Measures and adjusts the luminance of each pixel and makes it permanently DICOM compliant. As such, PPU eliminates screen noise, ensuring consistent colours and grayscales.

Benefits

- Reduced screen noise
- Improved contrast and accuracy in fine details
- Improved image quality at a lower dose to the patient

Fusion

'Fusion' design replaces a dual-head display setup by a single, large-screen monitor without a hindering central bezel. It allows you to place more images on the screen – just the way you want – which has proven to increase productivity by up to 19% and reduce eye strain.

Benefits

- Improved reading productivity
- Easy side-by-side comparison of studies
- Reduced eye fatigue

Barco Optical Glass™

Reduces reflection, enhances image sharpness and viewing comfort. The multi-coated glass is highly durable, scratch-resistant, and protects the LCD panel from physical damage. A protective front cover – available on all Barco displays – further enhances the diagnostic experience.

Benefits

- Protection of your valuable LCD panel
- Improved image contrast & minimal reflections
- Easy and safe cleaning

IPS-Pro

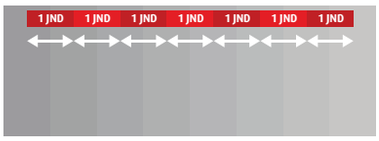
A breakthrough LCD architecture offering a significantly wider viewing angle than competing LCD technologies. It ensures images are displayed more accurately and with a higher contrast ratio near the sides of the display. With IPS-Pro, the viewing angle is 120°, which is nearly twice the value achieved by other technologies.

Benefits
- High-quality visualization of images
- Wider viewing angle improves multiuser viewing

RapidFrame™

For high-speed cine imaging without blur when reviewing multi-frame image sequences – such as CT, tomosynthesis, breast ultrasound and breast MRI – or when hovering over the image with the magnifying glass. RapidFrame technology counteracts motion blur by more quickly adapting pixels to a high frame rate.

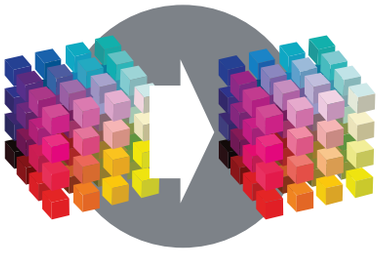
Benefits
- High-speed cine imaging without blur for fast interpretation
- Increased screening efficiency due to highly efficient diagnostic workflow



I-Luminate™

Simply push the I-Luminate™ 'hot light' button to temporarily boost your display brightness, and get a clearer view. Combined with Barco's handy film clip, I-Luminate allows you to compare studies with film-based priors on the display.

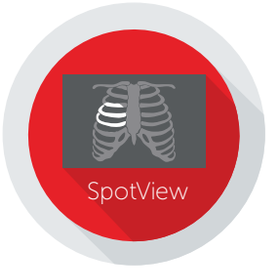
Benefits
- Enhanced perception of small and low contrast details
- Simplified comparison with filmbased studies
- Uninterrupted DICOM-compliance



SteadyColour™ & SteadyGray™

Around 90% of images generated are now in colour and colour is often used for additional functionality (e.g. combining Doppler images with ultrasound). In order to guarantee consistent, perceptually linear colour and still meet the DICOM standard for grayscales, SteadyColour executes advanced calibration for both grayscale and all Just Noticeable Differences (JNDs). This is achieved using multiple sensors in combination with numerous 3D Look-Up Tables (LUTs).

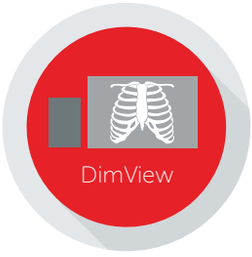
Benefits
- Maximize the diagnostic value of colour in images
- Maintain image quality and DICOM compliance under all lighting conditions



SpotView™

SpotView creates a bright focal point on the screen, enhancing brightness and contrast inside a circular region of interest while dimming the surrounding image area. This heightens visibility of subtle differences in the image. With SpotView Mag, you can even double the size of the image so no detail goes unnoticed. SpotView has been proven to decrease reading time by 15.5%, with 6% increased reading accuracy in evaluation of mammography contrast-detail phantom.

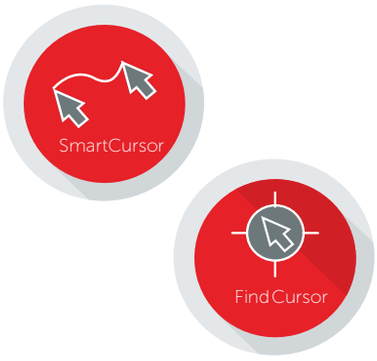
Benefits
- Better visibility of subtle differences in the image
- Extremely helpful when viewing pediatric extremities, breast calcifications and chest exams



DimView™

DimView automatically dims the auxiliary displays used for patient worklists or dictation, reducing peripheral ambient light during readings so the eye can better focus on details on the diagnostic display.

Benefits
- Improved focus on the main display, no distractions
- More ergonomic reading experience



SmartCursor™/ FindCursor™

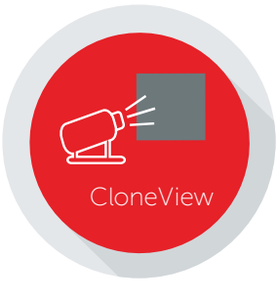
The use of multiple resolution displays in a PACS workstation results in the cursor often getting stuck traveling from one display to another, if you can even locate the cursor in the first place. SmartCursor maps the cursor to the correct places in the adjacent display. FindCursor indicates the location of the cursor with a highlighted circle.

Benefits
- Avoid losing time locating or moving the mouse cursor
- Smoother and faster workflow

VirtualView™

VirtualView provides radiologists with a virtual navigational head on the main display. It appears and disappears on user command, allowing you to add or remove this screen content at your convenience.

Benefits
- View other screen content more
- comfortably
- Ideal for viewing worklists, research, dictation, or ancillary tasks
- Reduce the number of displays needed; simplify the desktop



Conference CloneView™

Conference CloneView software is a high-performance, easy-to-use tool for projecting medical images from a diagnostic display onto a large screen, especially useful in classroom settings.

Benefits
- High-quality cloned image without losing pixel precision
- Fosters collaboration between peers
- Ideal during multi-disciplinary team meetings

Application Appearance Manager

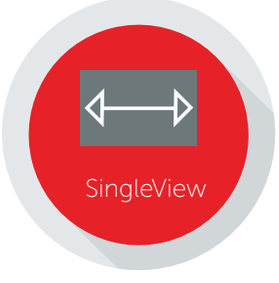
Application Appearance Manager allows you to individually manage the colour profile and luminance of each application window so content appears as intended..

Benefits
- Seamlessly integrate colour (e.g. colour photos) into the diagnostic workflow
- Manage the luminance of application windows depending on image content

User Profiles

User Profiles creates a custom profile, set per modality and per user. It enables a quick environment switch for image type, such as a lower luminance for X-ray images and higher luminance for MRI scans.

Benefits
- Read images according to your own preferences
- Automatically get the right display settings for every modality



SingleView™

SingleView enables the use of the entire display as one display, and eliminates any tearing down the center of the display.

Benefits
- More flexible desktop where images can be placed in the center of the screen
- More ergonomic viewing experience

Icon Overview

5Y WARRANTY — Standard 5-year warranty	FRONT SENSOR — Front-of-screen sensor	STEADYCOLOR — DICOM grayscale and color
10 BIT — 10 bit Look Up Table	APPROVED — Approved for medical use	COLOR PPU — Color Per Pixel Uniformity Correction
12 BIT — 12 bit Look Up Table	OSD — On Screen Display	SCREENSHOT — Screenshot of image details
30 BIT — 30 bit Look Up Table	PPU — Per Pixel Uniformity correction	AAM — Application Appearance Manager
LED BACKLIGHT — LED backlight	QAWEB — QA software included	VIRTUALVIEW — A virtual display
ALC — Integrated Ambient Light Compensation	PIVOT — Usable in portrait and landscape mode	SPOTVIEW — Highlights region of interest
BLOS — Backlight Output Stabilization	TOUCH — Touch screen interface	DIMVIEW — Dims auxiliary displays
COLOR — Color display	ULT — Uniform Luminance technology	FIND CURSOR — Locates the mouse cursor
GRAYSCALE — Grayscale display	WIDE VIEW — Exceptionally wide viewing angle	SMARTCURSOR — Avoids the cursor getting stuck
COVER — Anti-reflective protective front cover	SMOOTHGRAY — Ultra-smooth grayscale precision	CLONEVIEW — For large-screen projection
GLASS COVER — Anti-reflective protective front glass	WIDE SCREEN — Widescreen aspect ratio	4K 4096 X 2160 — 4K native display resolution of 4096 by 2160 pixels
DL — Diagnostic Luminance (Ultra bright display)	DISPLAYPORT — DisplayPort interface	DAISYCHAINING — Allows daisy chaining of displays
DICOM — Compliant with DICOM specifications	MULTI-SENSOR — Multiple built-in sensors	WIDE GAMUT — Displays a wide range of colors
DURALIGHT — Long-lifetime backlights	TOMO — Cleared for breast tomosynthesis	3D GLASSES-BASED — Glasses-based 3D technology
GREEN — Environmental-friendly product	I-LUMINATE — 'Hot light' button	KVM — Easily switch between 2 workstations attached to the display
FUSION — Seamless wide-screen desktop	RAPIDFRAME — High-speed cine imaging without blur	FOCALPATH — Dim and mask non-critical areas for improved optical accuracy
I-GUARD — Integrated front-of-screen sensor	CONSISTENCY — Front consistency sensor	

Nexxis

Nexxis™ is our video-over-IP platform for the integrated digital operating room. It makes it possible for you to share uncompressed, high-resolution video (and audio) in and between your operating rooms. This unique technology platform has been specifically designed for integration into the digital OR.

Your benefits

- Raw, uncompressed images – eliminating artifacts
- Near-zero latency for perfect hand-eye coordination
- 4K end-to-end
- 3D imaging for minimally invasive surgery with MDSC-8232 M3D surgical 3D 4K display
- Simple to set up the OR (all you need is a single optical cable)
- Easy plug and play of devices
- Central & remote control
- Always up to date with the latest networking and visualization technologies
- Easy to adopt new integration requirements in the OR
- Easy to connect new ORs to the network architecture
- Expansion results in lower TCO

Nexxis received FDA 510(k) clearance and is registered as medical device in EU. Every part of the solution has been designed and approved for use in a surgical environment. Ask your integration partner about it and find out how it enhances operational efficiency, team collaboration and surgical precision!

Nexxis WorkSpot

Control room solution for interventional surgery

Offering one view of all information as well as flexible layouts, Nexxis WorkSpot has been designed to improve teamwork and reduce clutter and complexity in the interventional control room. It brings together all imaging sources on a single display, managed by a single keyboard and mouse.

NexxisCare

Cloud-based software system for remote OR management

OR integrators can use our OR management suite for remote monitoring, troubleshooting, proactive maintenance, and asset management. The cloud-based system supports your hospitals, facilities and surgical teams in delivering their best performance.

Get access to the latest software and security updates, and focus on what truly matters: elevating patient health and providing advanced care.

NexxisLive

Cloud-based solution for remote surgical collaboration

Remote work is everywhere, so why not make it happen to achieve better patient outcomes in surgery? With NexxisLive, you can involve the right people for any intervention, wherever they are.

Teleassistance, teleconferencing, and telementoring: the platform expands your OR, virtually and securely. Increase your surgical performance with excellent video quality, minimal latency and annotation options.

NexxisLive does not require Nexxis to be installed in the OR, the software platform functions independently.

4K 3840 X 2160 | CLEANABLE | DICOM | WIDE GAMUT | 30 BIT COLOR | WIDE VIEW

BLOS | LED BACKLIGHT | COVER | OSD | APPROVED | 3Y WARRANTY

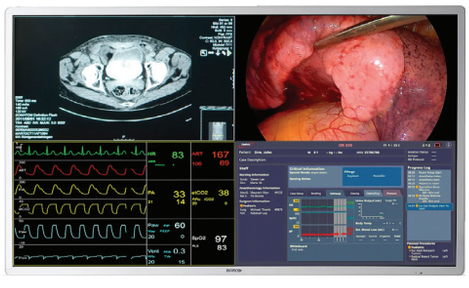
AMM & MDXC

A family of surgical displays designed for real-time imaging in the operating room. The portfolio comprises near-patient and large-screen displays for use in any environment where surgical procedures are carried out, including the endoscopy room, interventional suite or hybrid OR. Available in high definition or 4K ultra-high definition.

Your benefits

- Deep blacks and accurate colours from any viewing angle
- 4:4:4 chroma subsampling for impeccable colour accuracy
- Near-zero latency provides perfect surgical hand-eye coordination
- Improved visualization in high ambient light environments
- Backlight output stabilization guarantees image stability and brightness over the lifetime of the display
- Cleanable infection control design complies with strict OR hygiene standards
- Unique cable management system makes it easy to install and disinfect
- Automated failover feature so a backup signal is always available
- Perfect match with our Nexxis OR-over-IP platform for full OR integration

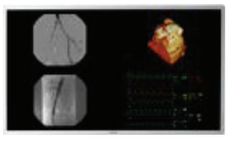
AMM 215WTTP

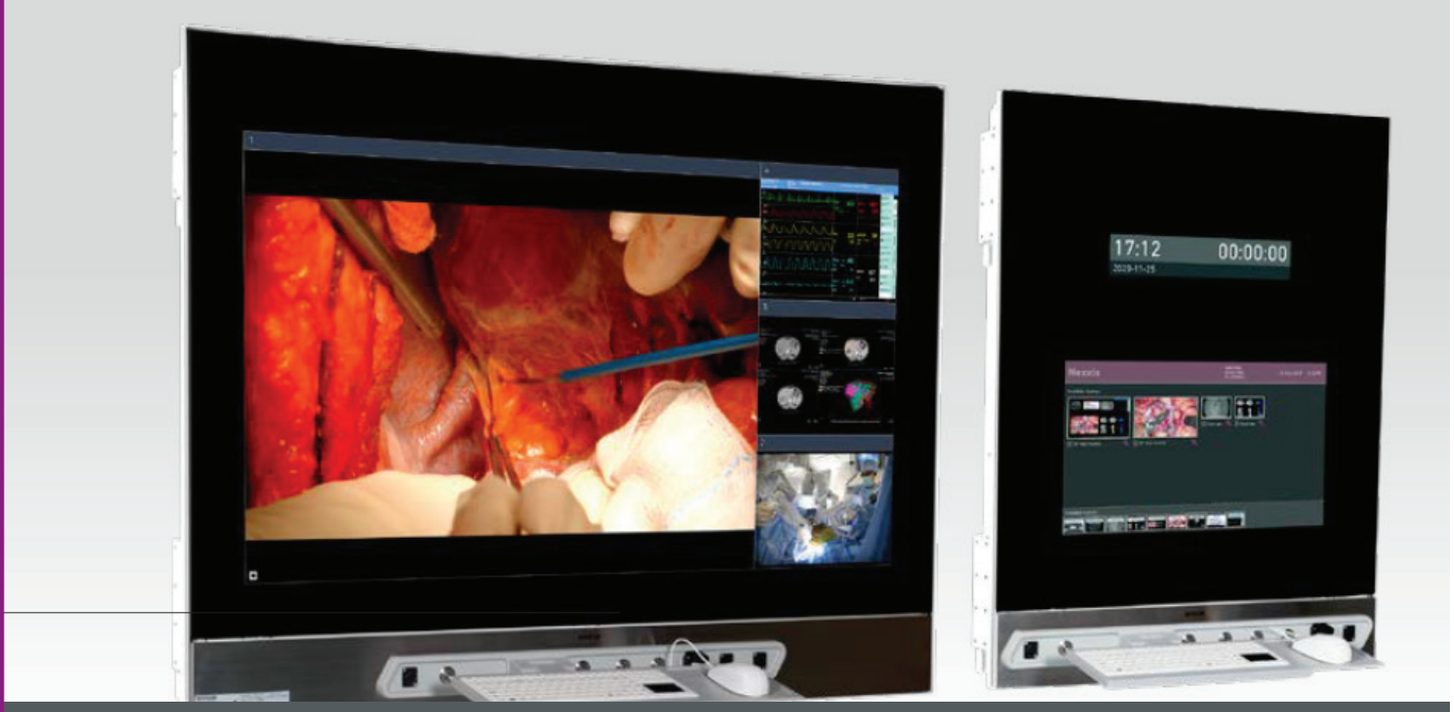


MDSC-8255

Surgical Displays

						
	AMM215WTTP	AMM240ED	MDSC-8427 12G	MDSC-8527	MDSC-8231 12G	
Warranty	2 years	2 years	3 years	3 years	3 years	
Active screen size (H x V)	476 x 267 mm (18.7 x 10.5”)	520.4 x 326 mm (20.46” x 12.83”)	597 x 336 mm (23.5” x 13.2”)	596 x 335 mm (23.5” x 13.2”)	698 x 368 mm (27.48” x 14.49”)	
Screen Technology	TFT AM LCD / LED Backlight	TFT AM LCD / LED Backlight	TFT AM LCD / IPS-PRO technology / LED backlight	TFT AM LCD / LED backlight	TFT AM LCD / IPS-PRO technology / LED backlight	
Active screen size (diagonal)	21.46” (545.2 mm)	24.07” (611.3 mm)	27” (685 mm)	27” (684 mm)	31” (789 mm)	
Aspect ratio	16:9	16:10	16:9	16:9	17:9	
Resolution	Full HD 1920 x 1080	WUXGA 1920 x 1200	4K UHD 3840 x 2160	4K UHD 3840 x 2160	4K-2K 4096 x 2160	
Luminance	250 cd/m²	300 cd/m²	750 cd/m²	800 cd/m²	550 cd/m²	
Contrast ratio	1000:1	1000:1	1400:1	1000:1	1400:1	
Front protection Screen	pCap touch (10 points)	Anti-reflective PMMA protective cover	2-side anti-reflective glass with anti-finger print	2-side anti-reflective alkali-aluminosilicate glass cover	Scratch-resistant 2-side anti-reflective alkali-aluminosilicate glass cover	
Cable management	N/A	Yes	Yes	Yes	Yes	
Protection rating	IPx1	IP22	IP21 (IP45 front side)	IP21 (IP45 front side)	IP20 (IP45 front side)	
Failover	N/A	N/A	Yes	Yes	Yes	
Video inputs	DVI-I, VGA (D-Sub, 15pin)	1xDVI-I, 1x HD15, 1x Y/C, 1x 3G-SDI, 1x RGBS / YPbPr	4K-UHD input, either:Quad-link 3G-SDI, 12G-SDI, 1x DP 1.1 (all up to 4096 x 2160 @50Hz/60Hz) or 2x DP 1.1 (up to 2048 x 2160 @50Hz/60Hz) FHD input (upscaled to 4K): 1x DVI-SL	SSTF version 4K-UHD input: 1x DP 1.2 SST/MST 2x HDMITM 2.0 (all up to 3840 x 2160 @ 50/60 Hz) FHD input (upscaled to UHD): 1x DVI, 1× 3G-SDI*; NXF version 4K-UHD input: 1x DP 1.2 SST / MST 1× HDMITM 2.0 (all up to 3840 x 2160 @ 50/60 Hz) FHD input (upscaled to UHD): 1x DVI, 1x 3G-SDI 2x FO SFP + 4K-UHD Nexxis link*	4K-UHD input, either: Quad-link 3G-SDI, 12G-SDI, 1x DP 1.1, 1x DP 1.2 MST, 2x HDMITM 2.0 (all up to 4096 x 2160 @50Hz/60Hz) or 2x DP 1.1 (up to 2048 x 2160 @50Hz/60Hz)FHD input (upscaled to UHD): 1x DVI	
Video outputs	SDI / S-video / Composite Video, RGBS / YPbPr	1x DVI-I, 1x 3G-SDI	2x 12G-SDI (input loop through), 1x DVI (4K display screen clone - downscaled to FHD)	DP 1.2 SST, 3G-SDI	2x 12G-SDI (input loop through), 1x DVI (4K display screen clone - downscaled to FHD)	
Certifications	FDA: Medical Device Class I EC: Medical Device Class I (MDR (EU) 2017/745)	FDA: Medical Device Class I EC: Medical Device Class I (MDR (EU) 2017/745)	FDA: Medical Device Class I EC: Medical Device Class I (MDR (EU) 2017/745)	FDA: Medical Device Class I EC: Medical Device Class I (MDR (EU) 2017/745)	FDA: Medical Device Class I EC: Medical Device Class I (MDR (EU) 2017/745)	

					
	MDSC-8232 M3D	MDFC-8232 3xB	MDSC-8532	MDSC-8255	MDAC-8355
	3 years	3 years	3 years	3 years	3 years
	698 x 368 mm (27.48” x 14.49”)	698 x 368 mm (27.48” x 14.49”)	708 x 399 mm (27.87” x 15.71”)	1210 x 640 mm (47.64” x 25.20”)	1210 x 680 mm (47.64” x 25.20”)
	TFT AM LCD / IPS-PRO technology / LED backlight	TFT AM LCD / IPS-PRO technology / LED backlight	TFT AM LCD / LED backlight	TFT AM LCD / IPS-PRO technology / LED backlight	a-si TFT active matrix,IPS
	31” (789 mm)	31” (789 mm)	32” (813 mm)	54.6” (1388 mm)	54.6” (1388 mm)
	17:9/16:9	17:9/16:9	16:9	16:9	16:9
	4K-2K (4096 x 2160) / UHD (3840 x 2160)	4K-2K (4096 x 2160) / UHD (3840 x 2160)	4K UHD 3840 x 2160	4K UHD 3840 x 2160	4K UHD 3840 x 2160
	450 cd/m²	450 cd/m²	850 cd/m²	500 cd/m²	350 cd/m²
	1300:1	1300:1	1350:1	1000:1	1100:1
	Scratch-resistant 2-side anti-reflective alkali-aluminosilicate glass cove	Scratch-resistant 2-side anti-reflective alkali-aluminosilicate glass cove	Scratch-resistant 2-side anti-reflective alkali-aluminosilicate glass cove	Scratch-resistant, 2-side anti-reflective glass cover	2-side anti-reflective laminated safety glass
	Yes	Yes	Yes	Yes	N/A
	IP20 (IP45 front side)	IP20 (IP45 front side)	IP21 (IP45 front side)	IP20 (IP45 front side)	IP20 (IP45 front side)
	Yes	Yes	Yes	Yes	Yes (Black version only)
	2D mode: 4K-UHD resolution: 3x DP 1.1, 1x DP 1.2 MST, 2x f.o. SFP + for Nexxis link FHD resolution (upscaled to 4K): 1x DVI, 1x 3G-SDI 3D mode: 4K-UHD resolution: 3x DP 1.1, 1x DP 1.2 MST, 2x f.o. SFP + for Nexxis link FHD input: 1x DVI, 1x 3G-SDI	2D mode: 4K-UHD resolution: 3x DP 1.1, 1x DP 1.2 MST, 1x 12G-SDI, 1x HDMITM2.0 (3HB) FHD resolution (upscaled to 4K): 1x DVI 3D mode: 4K-UHD resolution: 3x DP 1.1, 1x DP 1.2 MST, 1x 12G-SDI (3SB), 1x HDMITM2.0 (3HB) FHD resolution: 2x 3G-SDI (dual stream)	SSTF version 4K-UHD input: 1x DP 1.2 SST/MST 2x HDMITM 2.0 (all up to 3840 x 2160 @ 50/60 Hz) FHD input (upscaled to UHD): 1x DVI, 1× 3G-SDI*; NXF version 4K-UHD input: 1x DP 1.2 SST / MST 1× HDMITM 2.0 (all up to 3840 x 2160 @ 50/60 Hz) FHD input (upscaled to UHD): 1x DVI, 1x 3G-SDI 2xFO SFP + 4K-UHD Nexxis link*	2x DP 1.1, 1x DP 1.2 MST, 2x HDMITM 2.0, 1x DVI, 1x 3G-SDI Optional: 12G version: 2Quad-link SDI, 12G-SDI, integrated Nexxis version: MNA-240 network adapter	2x DVI Dual link 4x DVI Single Link 1x DP 1.2 SST
	2D mode: 1x 3G-SDI, 1x DVI 3D mode: 1x DVI	2x 3G-SDI (3G-SDI input loop through), 1x DVI	DP 1.2 SST, 3G-SDI	DVI (screen clone) 3G-SDI. 12G version: 12G-SDI	N/A
	FDA: Medical Device Class I EC: Medical Device Class I (MDR (EU) 2017/745)	FDA: Medical Device Class I EC: Medical Device Class I (MDR (EU) 2017/745)	FDA: Medical Device Class I EC: Medical Device Class I (MDR (EU) 2017/745)	FDA: Medical Device Class I EC: Medical Device Class I (MDR (EU) 2017/745)	Medical grade ITE device



4K UHD | full HD 1920 X 1080 | CLEANABLE | WIDE VIEW | COLOR | LED TECHNOLOGY | TOUCH | GLASS COVER

MDMX-MNA

Barco's MDMX family is a series of in-wall consoles for the operating room. Combine and view multiple images, by relying on an intuitive control system. The consoles have built-in Nexxis functionality and a programmable Nexxis button, so they can be integrated easily within both new and existing Nexxis systems.

Your benefits

- Enjoy ergonomic viewing support for everyone in the OR: from doctors and nurses to trainees
- Place multiple images or video sources next to each other
- Don't lose space, the consoles are built into the OR wall
- Interact with remote-PC video sources as if you're in front of them
- 2-year warranty

MDMX-25500 GNNB

MDMX-22449 GNTB

IMAGING Solutions

BARCO

In-Wall Consoles for the OR

			
	MDMX-22400 GNTB	MDMX-25500 GNNB	MDMX-22449 GNTB
Warranty	2 years	2 years	2 years
Active screen size	15": 376 x 73 mm (14.8 x 2.9") 24": 527 x 296 mm (20.8 x 11.7")	1210 mm x 680 mm (47.6 x 26.8")	15": 376 x 73 mm (14.8 x 2.9") 24": 527 x 296 mm (20.8 x 11.7") 49": 1074 × 604 mm (42.3 x 23.8")
Screen technology	15": MVA/WLED 24": IPS/WLED	IPS/WLED	15": MVA/WLED 24": IPS/WLED 49": IPS/WLED
Diagonal size	15": 384 mm (15.1") 24": 605 mm (23.8")	1388 mm (54.64")	15": 384 mm (15.1") 24": 605 mm (23.8") 49": 1232 mm (48.5")
Aspect ratio	15": 160:31 24": 16:9	16:9	15": 160:31 24": 16:9 49": 16;9
Native resolution	15": 1280 x 248 24": 1920 x 1080	3840 x 2160	15": 1280 x 248 24": 1920 x 1080 49": 3840 x 2160
Luminance	15": 300 cd/m² 24": 250 cd/m²	500 cd/m²	15": 300 cd/m² 24": 250 cd/m² 49": 500 cd/m2
Contrast ratio	15": 2000:1 24": 1000:1	1100:1	15": 2000:1 24": 1000:1 49": 1100:1
Screen protection	Protective, anti-reflective glass front cover	Protective, non-reflective glass cover	Protective, non-reflective glass cover
Cleanability	N/A	N/A	N/A
Video input signals	1 x 10GbE Fiber Optic Interface for 24" FHD Nexxis link Optional: 2 x 10GbE Fiber Optic Interface for 1x mobile device connectivity on front	2 x 10GbE Fiber Optic Interface for 55" UHD Nexxis link Optional: 4 x 10GbE Fiber Optic Interface for 2x mobile device connectivity on front	1 x 10GbE Fiber Optic Interface for 24" FHD Nexxis link 2 x 10GbE Fiber Optic Interface for 49" UHD Nexxis link Optional: 4 x 10GbE Fiber Optic Interface for 2x mobile device connectivity on front
Medical device regulations	Medical device Class I	Medical device Class I	Medical device Class I
Options	• Touchscreen • Neutrik opticalCON accessories • Keyboard/trackpad module • Ask about our different model options and associated accessories • Additional service and warranty options	• Neutrik opticalCON accessories • Keyboard/trackpad module • Ask about our different model options and associated accessories • Additional service and warranty options	• Touchscreen • 1 or 2 keyboard/trackpad modules • Ask about our different model options and associated accessories • Additional service and warranty options

LG Medical Displays

Take Your Medical Display to the Next Level

LG Electronics, a leader of the premium monitor market, support you to be more confident with diagnosis and operations. With digital transformation in healthcare, medical displays which may affect the perception and interpretation of medical staff, are pivotal to handle digitized medical information.

LG Medical Displays help you to keep up with these digital trends by meeting every medical imaging need from multimodality monitors to mammography displays with the latest imaging technologies and the strictest quality control.

Diagnostic Monitors

Clinical Review Monitors

Surgical Monitors

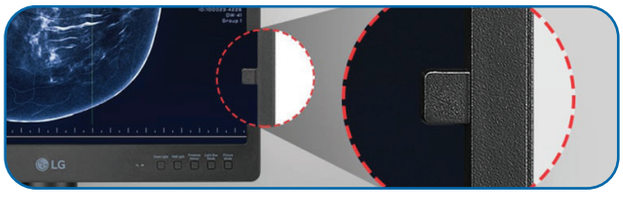
Diagnostic Monitors

Diagnostic Technologies

LG Diagnostic Monitors incorporate a range of technologies to ensure optimal diagnostic performance. The implementation of these technologies varies between models, giving you the flexibility to choose the monitor that best meets your requirements.

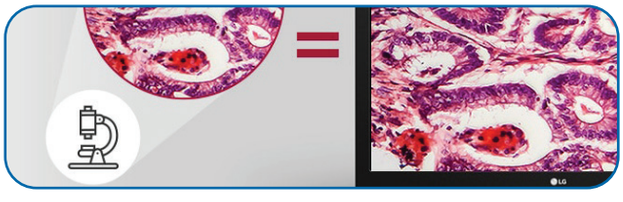
DICOM Compliant

In the medical field, monitors must display images accurately and consistently, especially grayscale tones that may vary between similar monitors. To ensure accurate and consistent shading for medical images, LG measures and sets every grayscale tone to produce a monitor compliant with DICOM Part 14.



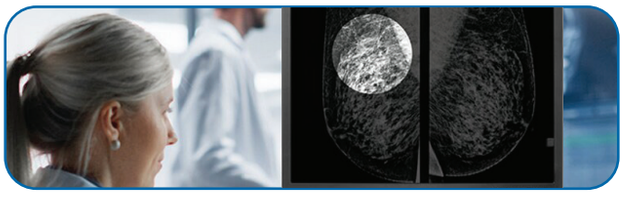
Brightness Stabilization

A sensor measures the monitor's backlight brightness and automatically compensates for brightness fluctuations caused by aging of the monitor, for consistently stable brightness during usage.



Auto Luminance Sensor

Auto Luminance Sensor ensures screen brightness is always optimized for the ambient lighting conditions, reducing the risk of eye strain.

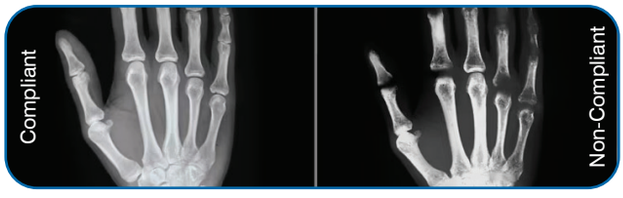


Down Lighting & Wall Lighting

Down and Wall Lighting Modes help reduce the contrast between the monitor brightness and ambient lighting conditions, allowing you to work comfortably without having to adjust the lighting to view paper documents in the darkroom.

For Professional Diagnosis

LG Diagnostic Monitors allows medical professionals to easily distinguish even delicate details.

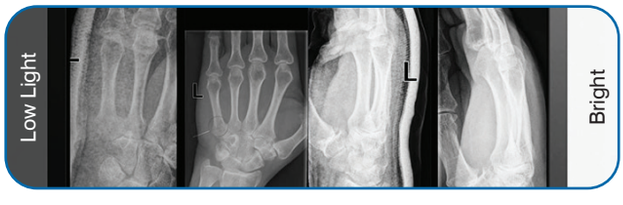


Front Sensor

The integrated Front Sensor enables calibration without the need for additional measuring equipment. It helps improve the quality and consistency of medical images displayed on screen by assisting to maintain accurate values.

Pathology Mode

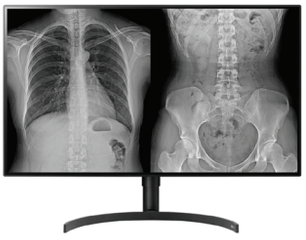
With Pathology mode, this diagnostic monitor provides image clarity and accuracy as if you were looking at a microscope.



Focus View Mode

Focus view allows users to review specific parts of an image more closely. The area of concern can be selected, magnified, and the brightness can be adjusted depending on the image source, using just a mouse and keyboard, while other areas of the image are automatically darkened.

Diagnostic Monitor Specifications

	8MP		12MP
	LGE- 32HL512D-B	LGE-32HQ713D-B	LGE-31HN713D-B
			
	• 31.5” 8MP IPS Display • Brightness Stabilisation • Multi Resolution Mode • PBP (Picture by picture) and Dual Controller • Ergonomic Stand with Pivot Adjustment	• 31.5-inch 8MP (3840x2160) IPS Black Display • 1,000 cd/m2 Brightness (Typ.) • Multi-resolution Mode (8/6/4MP) • Focus View Mode / Pathology Mode • Internal Front Calibration Sensor • Down Light / Wall Light	• 31-inch 12MP (4200x2800) IPS Display • Multi-resolution Mode (12MP / 6MP) • 1080cd/m² (Typ.) • Pathology Mode, Focus View Mode • Lighting (Down/Wall Lighting)
	Diagnostic Review	Diagnostic	Diagnostic for Mammo
Warranty	5 years	5 years	5 years
Active Screen Size (HxV)	27.5 x 15.4 in (697 x 392 mm)	27.5 x 15.5 in (699 x 394 mm)	25.7 x 17.1 in (653 x 435 mm)
Screen Technology	Nano IPS	IPS Black	IPS
Diagonal Size	31.5 in (800 mm)	31.5 in (800 mm)	31 in (787 mm)
Aspect Ratio	16:9	16:9	3:2
Resolution	8MP (3840 x 2160)	8MP (3840 x 2160)	12MP (4200 x 2800)
Luminance	450 cd/m² Typ.	1000 cd/m² Typ. (500 cd/m² DICOM)	1080 cd/m² Typ.
Contrast Ratio	1300:1	2000:1	1500:1
Screen Protection	Anti-Glare, 3H	Anti-Glare	Anti-Glare, 3H
Sensor Technlogy	Requires External Photometer	Internal Front Sensor	Internal Front Sensor. Backlight Stability Sensor
Diagnostic Imaging Technology	DICOM Compliant, Brightness Stabilization, Multi-resolution Mode (8/6/4MP), Pathology Mode	DICOM Compliant, Multi-resolution Mode (8/6/4MP), Pathology Mode, Focus View Mode, Light Box Mode, Auto Luminance Sensor, Down Lighting & Wall Lighting	DICOM Compliant, Brightness Stabilization, Brightness Uniformity Correction, Multi-resolution Mode (12/6MP), Pathology Mode, Focus View Mode, Light Box Mode, Auto Luminance Sensor, Down Lighting & Wall Lighting
Input and Outputs	DisplayPort (2x), HDMI, USB Hub	DisplayPort (2x), USB Hub	DisplayPort (2x), USB Hub
Certifications	IEC / EN (EN 60601-1 / EN 60601-1-2, EN 60950-1 / EN 55032, 55024), cUL (ANSI/AAMI ES 60601-1, CSA CAN/CSA-C22.2 NO. 60601-1), FCC (FCC part 15 Class A), FDA (510(k) (Class II)), RoHS, REACH, WEEE.	IEC / EN (EN 60601-1 / EN 60601-1-2, EN 60950-1 / EN 55032, 55024), cUL, FCC (FCC part 15 Class A), FDA (510(k) (Class II)), RoHS, REACH, WEEE	IIEC (IEC 60601-1 / IEC 60601-1-2, IEC 60950-1 / IEC 55032, 55024), EN (EN 60601-1 / EN 60601-1-2, EN 60950-1 / EN 55032, 55035), cUL (ANSI/AAMI ES 60601-1, CSA CAN/CSA-C22.2 NO. 60601-1), FCC (FCC part 15 Class A), FDA (510(k) (Class II)), RoHS, REACH, WEEE

	3MP	5MP
	LGE-21HQ513D-B	LGE-21HQ613D-B
		
	• 21.3-inch 3MP IPS Display • 1100 cd/m² (Typ.) • Pathology Mode, Focus View Mode • Lighting (Down/Wall Lighting)	• 21.3-inch 5MP (2,048x2,560) IPS Display • 1,100 cd/m² Brightness (Typ.) • Multi-Resolution Mode (5/3/2MP) • Internal Front Calibration Sensor • Focus View Mode / Pathology Mode • Daisy Chain
	Diagnostic	Diagnostic for Mammo
Warranty	5 years	5 years
Active Screen Size (HxV)	12.8 x 17.1 in (325 x 433 mm)	13.3 x 16.6 in (338 x 422 mm)
Screen Technology	IPS	IPS
Diagonal Size	21.3 in (541 mm)	21.3 in (540 mm)
Aspect Ratio	3:4	4:5
Resolution	3MP (1536 x 2048)	5MP (2048 x 2560)
Luminance	1100 cd/m² Typ.	1100 cd/m² Typ. (600 cd/m² DICOM)
Contrast Ratio	1800:1	1800:1
Screen Protection	Anti-Glare, 3H	N/A
Sensor Technlogy	Internal Front Sensor	Internal Front Sensor, Backlight Stability Sensor
Diagnostic Imaging Technology	DICOM Compliant, Multi-resolution Mode (3/2MP), Pathology Mode, Focus View Mode, Light Box Mode, Auto Luminance Sensor, Down Lighting & Wall Lighting	DICOM Compliant, Brightness Stabilization, Brightness Uniformity Correction, Multi-resolution Mode (5/3/2MP), Pathology Mode, Focus View Mode, Light Box Mode, Auto Luminance Sensor, Down Lighting & Wall Lighting
Input and Outputs	DisplayPort (2x), DVI-D USB Hub and Daisy Chain	DisplayPort (2x), DVI-D USB Hub and Daisy Chain
Certifications	IEC (IEC 60601-1 / IEC 60601-1-2, IEC 60950-1 / IEC 55032, 55024), EN (EN 60601-1 / EN 60601-1-2, EN 60950-1 / EN 55032, 55024), cUL, FDA (510(k) (Class II)), RoHS, REACH, WEEE	IEC (IEC 60601-1 / IEC 60601-1-2, IEC 60950-1 & IEC 62368-1 / CISPR 32, 35), EN (EN 60601-1 / EN 60601-1-2, EN 62368-1 / EN 55032, 55035), cUL (ANSI/AAMI ES 60601-1, CSA CAN/CSA-C22.2 NO. 60601-1), FDA (510(K) (Class II)), RoHS, REACH, WEEE

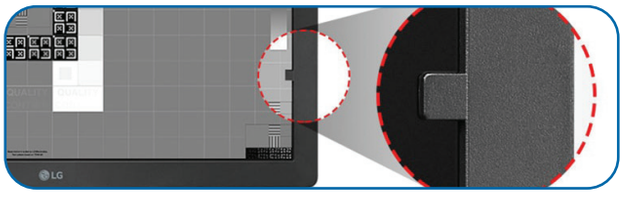
Clinical Review Monitors

For Precise Clinical Review

LG Clinical Review Monitors provide stable brightness and wide viewing angles to deliver accurate medical images.

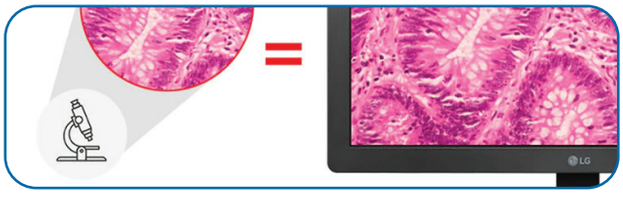
DICOM Compliant

In the medical field, monitors must display images accurately and consistently, especially grayscale tones that may vary between similar monitors. To ensure accurate and consistent shading for medical images, LG measures and sets every grayscale tone to produce a monitor compliant with DICOM Part 14.



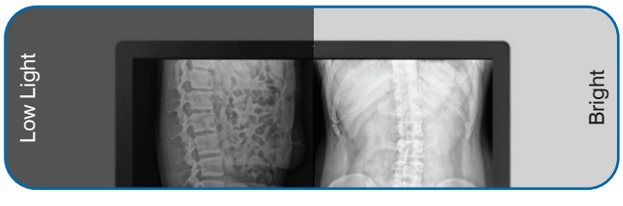
Brightness Stabilization

A sensor measures the monitor's backlight brightness and automatically compensates for brightness fluctuations caused by aging of the monitor, for consistently stable brightness during usage.



True Colour

True colour enables a wide range of colours represented by 99% of the sRGB colour space, generating vivid colour expression with minimal colour shift for more precise clinical review.

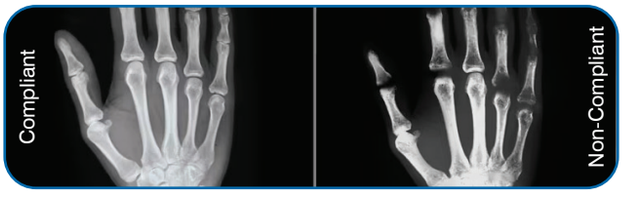


Focus View Mode

Focus view mode which highlights specific parts of the medical image. Users can easily select and focus on areas of concern while darkening the rest of the screen.

Clinical Review Technologies

LG Clinical Review Monitors incorporate a range of technologies to ensure optimal clinical review performance. The implementation of these technologies varies between models, giving you the flexibility to choose the monitor that best meets your requirements.

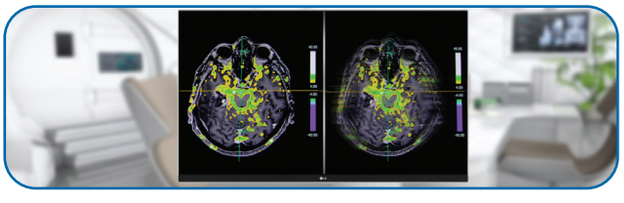


Front Sensor

A front-sensor, supported by the calibration software, enables calibration without the need for additional measuring equipment, ensuring stable image quality. usage.

Pathology Mode

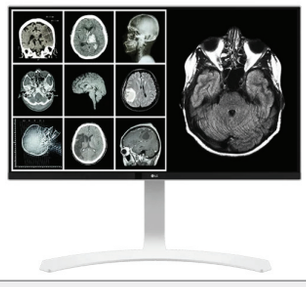
In Pathology Mode, the monitor reproduces high quality detail and colour, similarly to that viewable under a microscope.



Auto Luminance Sensor

Automatically adjusts screen brightness properly for the ambient lighting.

Clinical Review Specifications

	2MP	8MP	
	LGE-24HR513C-B	LGE-27HJ712C	LGE-27HJ713C-B
			
	• 24-inch 2MP (1920x1200) IPS Display • 600cd/m² Brightness (Typ.) • Internal Front Calibration Sensor • Focus View Mode / Pathology Mode • Daisy Chain • Bi-directional Auto Pivot	• 8MP (3840x2160) IPS Display • 350 nits with sRGB over 99% • DICOM Part 14 Compatible • Brightness Stabilization • Flicker Safe & Reader Mode	• 27” 8MP IPS Display • sRGB 99% colour gamut • DICOM Part 14 • Brightness Stabilisation • Ergonomic Stand with Pivot Adjustment
	Clinical Review	Clinical Review	Clinical Review
Warranty	3 Years	3 Years	3 Years
Active Screen Size (HxV)	13.3 x 16.6 in (338 x 422 mm)	23.5 x 13.2 in (597 x 336 mm)	23.5 x 13.2 in (597 x 336 mm)
Screen Technology	IPS	IPS	IPS
Diagonal Size	24-inch	27.0 in (685 mm)	27.0 in (685 mm)
Aspect Ratio	16:10	16:9	16:9
Resolution	2MP (1920 x 1200)	8MP (3840 x 2160)	8MP (3840 x 2160)
Luminance	600 cd/m² Typ. (350 cd/m² DICOM)	350 cd/m² Typ.	350 cd/m² Typ. (250 cd/m² DICOM)
Contrast Ratio	1000:1"	1000:1	1000:1
Screen Protection	Anti Glare	Anti-Glare 3H	Anti-Glare 3H
Sensor Technlogy	Internal Front Sensor, Backlight Stability Sensor	Backlight Stability Sensor	Backlight Stability Sensor
Clinical Imaging Technology	DICOM Compliant, Brightness Stabilization, Pathology Mode, Focus View Mode, Auto Luminance Sensor	DICOM Compliant, Brightness Stabilization, True Colour	DICOM Compliant, Brightness Stabilization, Brightness Uniformity Correction, True Colour
Input and Outputs	DisplayPort (2x), HDMI, DVI-D USB Hub and Daisy Chain	DisplayPort, HDMI (2x), USB Hub	DisplayPort, HDMI (2x), USB Hub
Certifications	UL (cUL), IEC (IEC 60601-1 / IEC 60601-1-2, IEC 60950-1 / IEC 55032, 55024), EN (EN 60601-1 / EN 60601-1-2, EN 60950-1 / EN 55032, 55024), FDA (510(K) (Class II)), RoHS, REACH, WEEE	IEC (IEC 60601-1 / IEC 60601-1-2), FCC (FCC part 15 Class A), CB, UL (UL 60601-1), C-UL-US, RoHS, REACH, WEEE, CISPR, EN, ANSI, AAMI, CE MDD (Class 1).	CE MDD (Class 1), UL 60601-1, IEC 60601-1 / IEC 60601-1-2, EN 60601-1 / EN 60601-1-2

Surgical Monitors

Ideal Display for Detailed Surgery

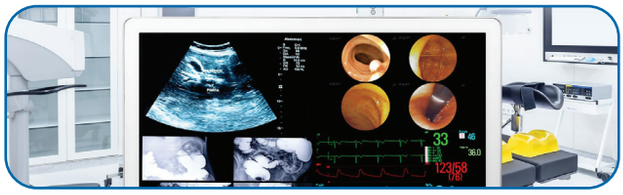
Find your path to the best outcomes with outstanding image quality, usability, and credibility.

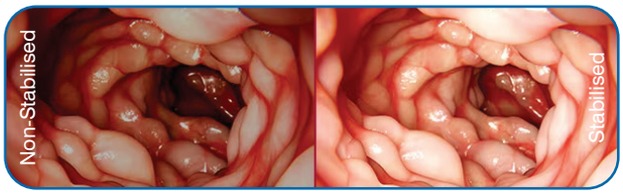
Surgical Technologies

LG Surgical Monitors incorporate a range of technologies to ensure optimal surgical display performance. The implementation of these technologies varies between models, giving you the flexibility to choose the monitor that best meets your requirements.

sRGB Performance and DICOM Compliance

Advanced sRGB performance with the standard DICOM Part 14, is designed for accurate colour recognition and depth perception during invasive surgery. It enables surgeons to view accurate, realistic images and allow precise surgery.



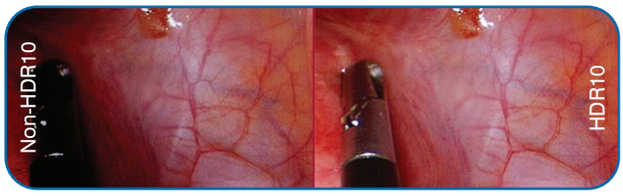


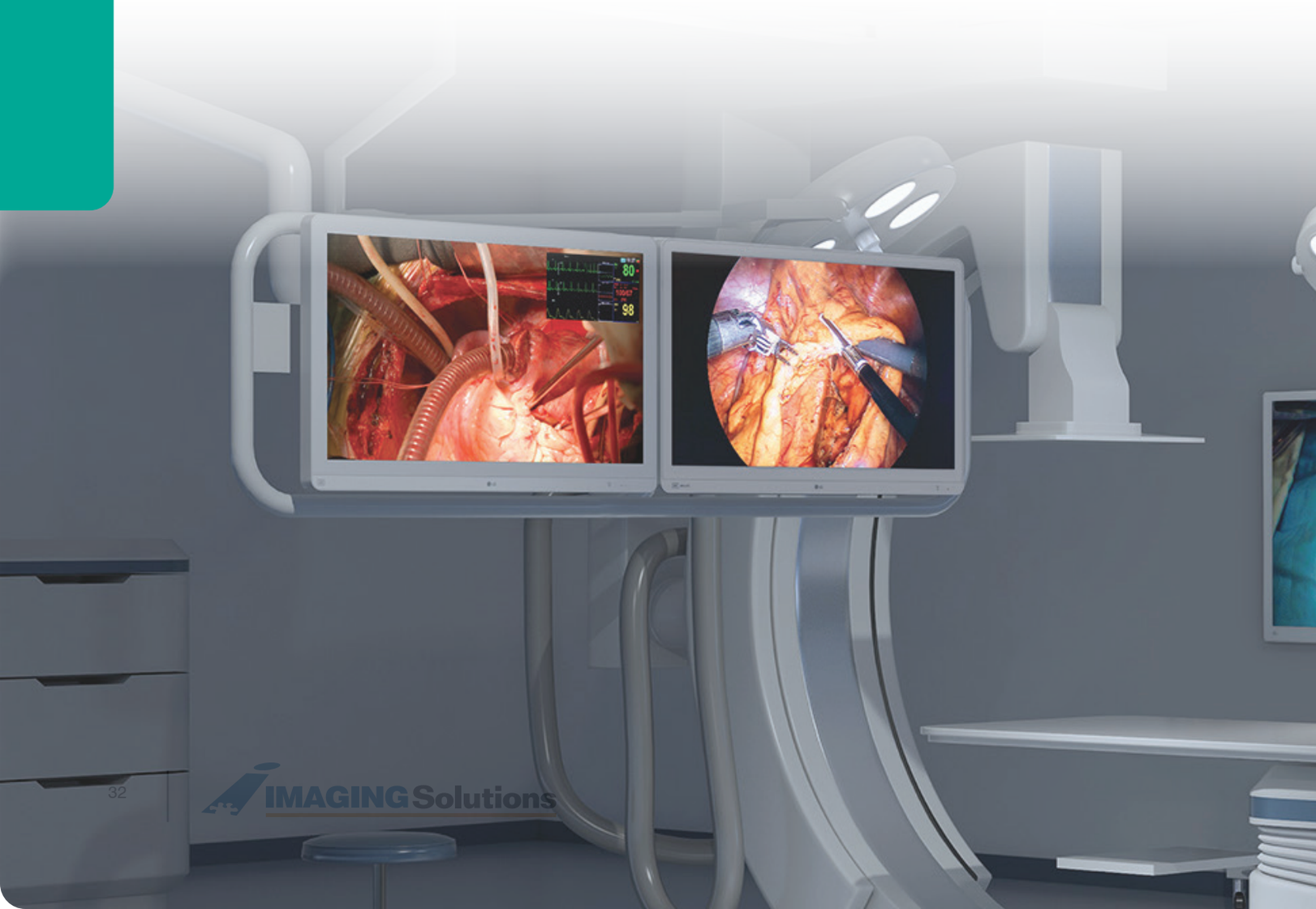
Brightness Stabilization

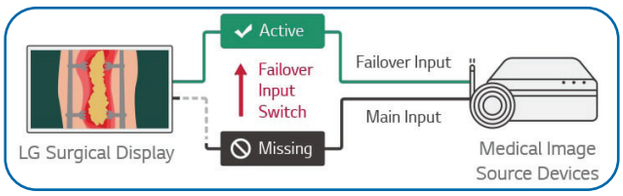
Monitor carefully measures and sets every grayscale tone to create a monitor compliant with DICOM Part 14. Furthermore, LG's surgical monitors offer stabilized brightness settings.

HDR10

LG surgical monitor is designed to fits with HDR-supported medical devices such as endoscope cameras. It can deliver images from devices vividly without crushing blacks in dark areas.





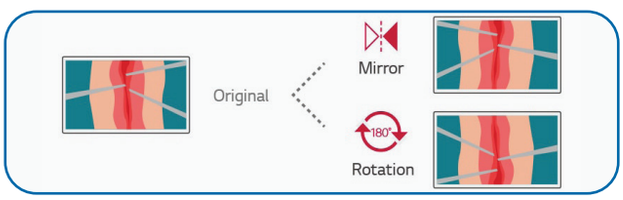


Failover Input Switch

When the main source is missing, the display will automatically switch to a failover (backup) source and restore the main source once the signal is back. You can set the main input and failover input in the setting menu of monitor.

PBP, PIP & Multi-input

Allows you to see multiple signals from several devices on one screen. You can set a combination screen of the endoscopic video from endoscopic camera, the vital sign imagery and the fluoroscopic imagery.



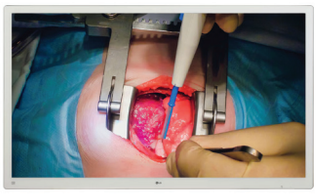
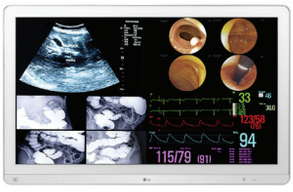
Mirror & Rotation Mode

Mirror & Rotate functions, helps you to set the perfectly optimized operating view for improving your convenience in the operating room. You can select the 180 degrees rotated image or the mirror image you want to see.

Dustproof & Water Resistant

To ensure protection against contact with objects such as blood or bodily fluids, LG surgical monitors are cleanable and durable, with ratings of up to IP45 on the front and IP32 on the body except for front, securing them from any direction.

Surgical Display Specifications

	55 inch	31.5 inch	
	LGE-55MH5K-W	LGE-32HL710S-W	LGE-32HL714S-W
			
	• 4K (3840x2160) IPS Display • HDR10 • Mirror & Rotation Mode • Failover Input Switch • 12G-SDI Support • Up to 4PBP, PIP	• 31.5” 4K (3840x2160) IPS • HDR10 Support • Mirror & Rotation Mode • Up to 4PBP, PIP • Dustproof, Water Resistant • Protection Glass	• 31.5” 4K (3840x2160) IPS • HDR10 Support • 12G-SDI Support • Failover Input Switch • Mirror & Rotation Mode • Up to 4PBP, PIP
	UHD Surgical Display	UHD Surgical Display	UHD Surgical Display
Warranty	3 Years	3 Years	3 Years
Active Screen Size (HxV)	Not Specified	27.5 x 15.4 in (697 x 392 mm)	27.5 x 15.4 in (697 x 392 mm)
Screen Technology	IPS	IPS	IPS
Diagonal Size	55.0 in (1397 mm)	31.5 in (800 mm)	31.5 in (800 mm)
Aspect Ratio	16:9	16:9	16:9
Resolution	4K UHD (3840 x 2160)	4K UHD (3840 x 2160)	4K UHD (3840 x 2160)
Luminance	680 cd/m² Typ.	800 cd/m² Typ. (500 cd/m² Stabilised)	800 cd/m² Typ. (500 cd/m² Stabilised)
Contrast Ratio	1100:1	1000:1	1000:1
Screen Protection	Protection Glass (3.1t, Anti-Reflection/Fingerprint)	Protection Glass (1.6t, Anti-Reflection/Fingerprint)	Protection Glass (1.6t, Anti-Reflection/Fingerprint)
Sensor Technlogy	None	Backlight Stability Sensor	Backlight Stability Sensor
Surgical Imaging Technology	DICOM Compliant, HDR10, Failover Input Switch, PBP (2/3/4), PIP, Mirror & Rotation Mode	DICOM Compliant, Brightness Stabilization, HDR10, Failover Input Switch, PBP (2/3/4), PIP, Mirror & Rotation Mode	DICOM Compliant, Brightness Stabilization, HDR10, Failover Input Switch, PBP (2/3/4), PIP, Mirror & Rotation Mode
Inputs	DisplayPort, HDMI, DVI 12G-SDI	DisplayPort, HDMI, DVI 3G-SDI RS-232, USB	DisplayPort, HDMI, DVI 3G-SDI, 12G-SDI RS-232, USB
Outputs	DisplayPort, DVI, 12G-SDI	DisplayPort, DVI, 3D-SDI, USB	DisplayPort, DVI, 12G-SDI, USB
Colour Gamut (Typ.)	DCI-P3 86% (CIE 1976)	sRGB 115% (Area) sRGB Over 99% (Coverage)	sRGB 115% (Area) sRGB Over 99% (Coverage)
IP Rating	IP45 Front / IP32 Rest	IP35 Front / IP32 Rest	IP35 Front / IP32 Rest
Certifications	IEC (IEC 60601-1 / IEC 60601-1-2), EN (EN 60601-1 / EN 60601-1-2), cUL (ANSI/AAMI ES 60601-1, CSA CAN/CSA-C22.2 NO. 60601-1), FDA (510(K) (Class I)), RoHS, REACH, WEEE		
	IEC (IEC 60950-1 / IEC 55032, 55024), EN (EN 60950-1 / EN 55032, 55024), FCC (FCC part 15 Class A)	IEC (IEC 60950-1 & IEC 62368-1 / CISPR 32, 35), EN (EN 62368-1 / EN 55032, 55035)	

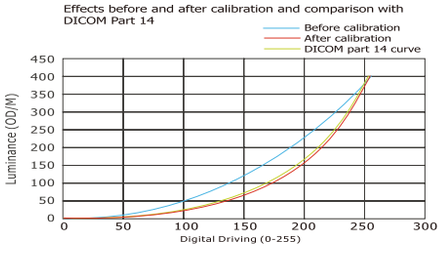
	27 inch	
	LGE-27HK510S-W	LGE-27HQ710S-W
		
	• 27”FHD IPS Display (1920x1080) • sRGB 115%(Deep Red) • Brightness Stabilization • Dustproof & Waterproof • Protection Glass • Flicker Safe	• 27-inch 4K (3840x2160) with Mini-LED • HDR10, HDR Effect • sRGB 139% (Area) • Mirror Mode, Rotation Mode • Protection Glass • Up to 4PBP, PIP
	FHD Surgical Display	UHD Surgical Display
Warranty	3 Years	3 Years
Active Screen Size (HxV)	23.5 x 13.2 in (598 x 336 mm)	23.5 x 13.2 in (597 x 336 mm)
Screen Technology	IPS	Mini-LED
Diagonal Size	27.0 in (686 mm)	27.0 in (685 mm)
Aspect Ratio	16:9	16:9
Resolution	FHD (1920 x 1080)	4K UHD (3840 x 2160)
Luminance	1000 cd/m² Typ. (600 cd/m² Stabilised)	800 cd/m² Typ.
Contrast Ratio	1000:1	1000:1
Screen Protection	Protection Glass (1.6t, Anti-Reflection/Fingerprint)	Protection Glass (1.3t, Anti-Reflection/Fingerprint)
Sensor Technlogy	Backlight Stability Sensor	Backlight Stability Sensor
Surgical Imaging Technology	DICOM Compliant, Brightness Stabilization, Failover Input Switch, PBP (2), PIP, Mirror & Rotation Mode	DICOM Compliant, Brightness Stabilization, HDR10, Failover Input Switch, PBP (2/3/4), PIP, Mirror & Rotation Mode
Inputs	HDMI, DVI-D, D-Sub 3G-SDI, Component USB	DisplayPort, HDMI, DVI-D 3G-SDI, Component RS-232, USB
Outputs	DVI-D, 3D-SDI, USB	DisplayPort, DVI-D, 3G-SDI, USB
Colour Gamut (Typ.)	sRGB 115%(Area) sRGB over 99%(Coverage)	sRGB 139%(Area) sRGB 100%(Coverage) DCI-P3 98% (CIE1976, Cov.) DCI-P3 110.9% (CIE1976, Area),
IP Rating	IP35 Front / IP32 Rest	IP45 Front / IP32 Rest
Certifications	IEC (IEC 60601-1 / IEC 60601-1-2), EN (EN 60601-1 / EN 60601-1-2), IEC (IEC 60950-1 & IEC 62368-1 / CISPR 32, 35), EN (EN 62368-1 / EN 55032, 55035), cUL (ANSI/AAMI ES 60601-1, CSA CAN/CSA-C22.2 NO. 60601-1), FDA (510(K) (Class I)), RoHS, REACH, WEEE	

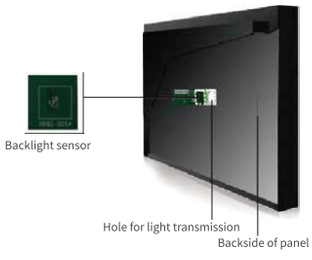
Beacon Medical Displays

Shenzhen Beacon Display Technology Co., Ltd. is a national high-tech enterprise focused on innovation in medical display technology and multi-application solutions. It provides professional services for medical imaging, including image transmission, signal management, display systems, and human-machine interfaces. Beacon is a subsidiary of Zhejiang Jingxin Pharmaceutical Co., Ltd. (Stock Code: 002020).

Widely recognized in the industry, Beacon is the strategic ODM partner for global medical imaging leaders such as GE, Philips, Siemens, Hitachi, Canon, United Imaging, and Mindray. For standard medical displays, the company holds around 50% of the domestic market, with its products in use at over 8,000 hospitals. Beacon's solutions are exported to more than 100 countries and regions worldwide.

Driven by the motto "Creating value and sharing benefits," Beacon is committed to growing alongside its partners and aims to be a global leader in display and human-machine interface solutions for medical imaging.





Compliant with DICOM Standard

Medical images including the most subtle details can be displayed precisely. Keep display consistency between different displays as well as display and different imaging modalities, ensure the accuracy of diagnosis.display can be maintained throughout the entire life cycle.

Backlight Stabilization System

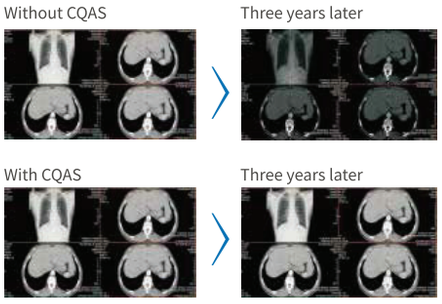
With built-in integrated back light sensor, the backlight can be monitored continuously. This achieves stable brightness rapidly at start-up and automatically compensate the brightness fluctuations caused by ambient temperature change and luminance attenuation after long time usage. The brightness uniformity of the display can be maintained throughout the entire life cycle.

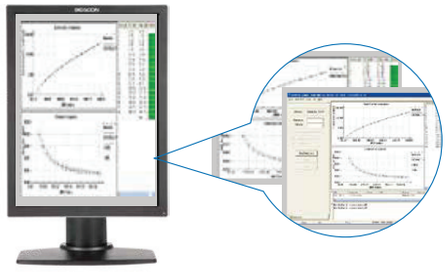
Uniformity Calibration Technology

The Uniformity Calibration Technology (UCT) contributes to a smoother image through balancing the fluctuations in luminance and chromaticity on different areas of the screen.

Ambient Light Adaptive System

With integrated front ambient sensor, the ambient environment can be monitored continuously, the brightness can be adjusted to a proper level automatically to ensure the display is compliant with DICOM standard under any ambient environment. The diagnostic accuracy is increased and discomfort and eye-strain can also be avoided.



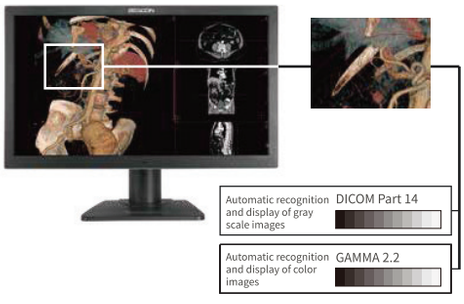


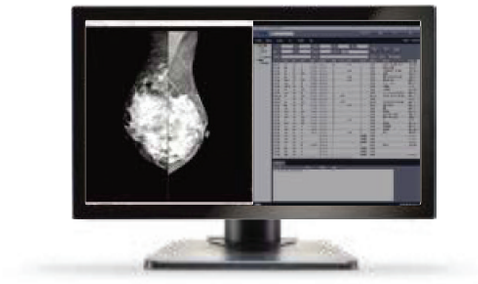
Continuous QA System

With integrated front sensor, grayscale and colour can be monitored and calibrated. The display accuracy of medical image is continuous automatically assured, and can also be network centralized managed.

Quality Assurance Software

Compliant with the latest QA standard, ensure image quality and consistency of the display in real-time. The embedded QA make it possible to process QA test on the display itself very conveniently.



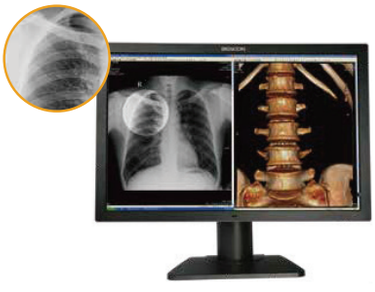


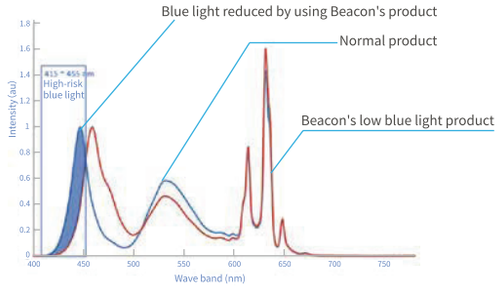
Hybrid Gamma

The Colour and grayscale images can be automatically recognized based on the image content, diagnostic accuracy and reliability are ensured by automatically matching the best display modes.

Independent Gamma Function

Different luminance is required when reading an image or a report. Independent Gamma function makes it possible to adjust proper luminance on different split screens based on the display content. It relieves eye strain when reading medical images and reports simultaneously.





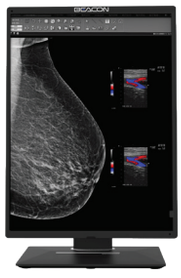
Spot Light Function

The spot light can be focused on a specific image area to highlight the subtle lesions that help the doctor to have a closer examination.

Low Blue Light Technology

lue light from screens can contribute to maculopathy, causing vision loss and distortion. Low blue light technology filters over 50% of harmful blue light, helping protect eye health during extended use.

Beacon Diagnostic Displays

	3MP	5MP
	BDT-C310S 	BDT-C510S 
	C310S has three million pixels, ultra-high brightness, ultra-high brightness, ultra-high contrast ratio, wide viewing angle and low power consumption, which can be widely used in various medical imaging equipment and PACS systems. Adopt LED backlight panel unit, ultra-thin and full-plane design.	C510S has colour and grayscale imaging functions, 5 million pixels ultra-high resolution, ultra-high brightness, ultra-high contrast, wide viewing angle and low power consumption. It can be widely used in various medical imaging equipment including digital breast and PACS system.
	Diagnostic	Diagnostic for Mammo
Warranty	5 years	5 years
Active Screen Size (HxV)	17.1 x 12.8 in (433 x 325 mm)	16.6 x 13.3 in (422 x 338 mm)
Screen Technology	IPS	IPS
Diagonal Size	21.3” (541 mm)	21.3” (543 mm)
Aspect Ratio	4:3	5:4
Resolution	3MP (2048x1536)	5MP (2560 x 2048)
Luminance	1100 cd/m² Typ. (500 cd/m² DICOM)	1150 cd/m² Typ. (500 cd/m² DICOM)
Contrast Ratio	2000:1 Typ.	2000:1
Screen Protection	Anti-Glare, 3H Coating	Anti-Glare
Sensor Technlogy	Internal Front Sensor Backlight Stability Sensor	
Diagnostic Imaging Technology	Backlight Stabilization System, Compliant with DICOM Standard, Continuous Quality Assurance System, Ambient Light Adaptive System, Quality Assurance Software, Low Blue Light Technology, Primary Screen Adaption	
Input and Outputs	DisplayPort, DVI-D	DisplayPort, DVI-D
Certifications	CE, FDA	

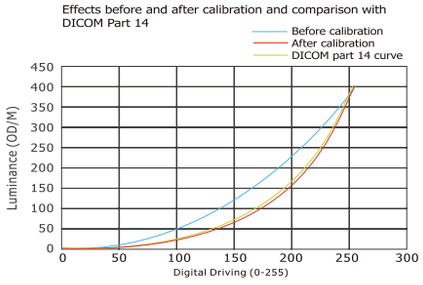
	6MP	12MP
	BDT-C616W 	BDT-C1216W 
	C616W supports dual-screen display on a single monitor for consistent, side-by-side image comparison. Ideal for diagnosis and analysis across medical imaging types, it boosts accuracy and workflow efficiency. Equipped for diverse clinical use, it includes spotlight, backlight, KVM control, image self-test, and intelligent control software.	C1216W offers 4200×2800 resolution, ultra-high brightness and contrast, and wide viewing angles. It ensures consistent brightness, auto DICOM calibration, and 14-bit LUT for precision imaging. Supports image fusion, custom/AI gamma, and one-key switching for fast, accurate diagnosis. Displays two images side-by-side for better comparison. Features include spotlight, backlight, KVM, image self-test, and smart control software.
	Diagnostic	Diagnostic for Mammo
Warranty	5 years	5 years
Active Screen Size (HxV)	25.4 x 16.1 in (646 x 409 mm)	25.7 x 17.1 in (653 x 435 mm)
Screen Technology	IPS	IPS
Diagonal Size	30.0” (765 mm)	31.0” (785 mm)
Aspect Ratio	16:10	3:2
Resolution	6MP (3280 x 2080)	12MP (4200 x 2800)
Luminance	1300 cd/m² Typ. (500 cd/m² DICOM)	1200 cd/m² Typ. (500 cd/m² DICOM)
Contrast Ratio	2000:1	1500:1
Screen Protection	Anti-Glare	Anti-Glare
Sensor Technlogy	Internal Front Sensor Backlight Stability Sensor	
Diagnostic Imaging Technology	Backlight Stabilization System, Compliant with DICOM Standard, Continuous Quality Assurance System, Ambient Light Adaptive System, Hybrid Gamma, Uniformity Calibration Technology, Quality Assurance Software, Low Blue Light Technology, Independent Gamma Function, Primary Screen Adaption, Spot Light Function	Backlight Stabilization System, Compliant with DICOM Standard, Continuous Quality Assurance System, Ambient Light Adaptive System, Hybrid Gamma, Uniformity Calibration Technology, Quality Assurance Software, Primary Screen Adaption, Spot Light Function
Input and Outputs	DisplayPort (2x), DVI-D (2x), Daisy Chain	DisplayPort (2x), HDMI (2x), Daisy Chain
Certifications	CE, FDA	

Beacon Clinical Displays

Beacon Clinical Displays are designed to provide exceptional image quality, adhering to DICOM standards for precise medical image interpretation. This enables rapid clinical decision-making, enhancing hospital efficiency and patient care.

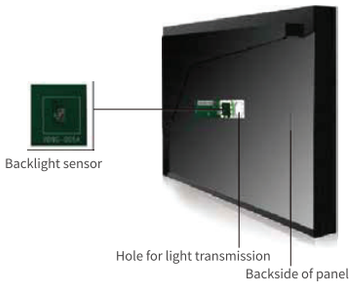
Features

- DICOM-Compliant Image Display: Ensures accurate image rendering for precise diagnostics.
- Comprehensive Medical Certifications: Meets requirements for diverse clinical applications.
- Backlight Stabilization: Guarantees consistent performance during long-term use.
- Protective Screen (Optional): Provides added durability and simplifies disinfection and cleaning.
- Ergonomic Design: Supports both portrait and landscape viewing orientations.
- Optional Multi-Touch Functionality: Enhances user interaction and improves workflow efficiency.
- LED Backlight Panel: Provides an ultra-light, ultra-thin, and environmentally friendly design.



Compliant with DICOM Standard

Medical images including the most subtle details can be displayed precisely. Keep display consistency between different displays as well as display and different imaging modalities, ensure the accuracy of diagnosis.display can be maintained throughout the entire life cycle.



Backlight Stabilization System

With built-in integrated back light sensor, the backlight can be monitored continuously. This achieves stable brightness rapidly at start-up and automatically compensate the brightness fluctuations caused by ambient temperature change and luminance attenuation after long time usage. The brightness uniformity of the display can be maintained throughout the entire life cycle.

24”

BDT-HL2416SH

Fully DICOM-compliant with full HD resolution and widescreen design, ideal for viewing patient data, EMRs, and medical images in film-free workflows. An integrated backlight sensor ensures fast brightness stabilization at startup and maintains consistent brightness over the display’s lifespan.

	Clinical Review
Warranty	5 Years
Active Screen Size (HxV)	20.7 x 11.7 in (527 x 296 mm)
Screen Technology	IPS
Diagonal Size	24” (605 mm)
Aspect Ratio	16:9
Resolution	2MP (1920x1200)
Luminance	600 cd/m² Typ. (180 cd/m² DICOM)
Contrast Ratio	1000:1 Typ.
Screen Protection	Anti-Glare
Sensor Technlogy	Backlight Stability Sensor
Imaging Technology	Backlight Stabilization System, Compliant with DICOM Standard
Input and Outputs	DisplayPort, DVI-D
Certifications	CE (Medical Device), ANSI/AAMI ES60601-1, CAN/CSA C22.2 No. 60601-1, IEC60601-1, FCC-B, CCC, RoHS, China RoHS

Beacon Surgical Displays

Beacon's endoscopy and surgical displays deliver accurate, real-time image reproduction. During surgical procedures, they seamlessly present anatomical visuals alongside medical imaging and data from modalities such as CT, MRI, ultrasound, and patient monitors — all with precision and clarity.

Features

- True Colour Restore technology ensures precise, lifelike image reproduction.
- High contrast ratio and wide viewing angle compensation maintain image consistency from various viewing positions.
- Supports simultaneous display of multiple image types and integrates smoothly with PACS systems.
- High-grade protective design allows for easy cleaning and disinfection.
- Standardised mounting structure ensures compatibility with existing operating room systems.

Backlight stabilization system

Built-in multiple display modes

Professional protective glass

True colour restore

Wide viewing angle

BEACON MEDICAL DISPLAYS

IMAGING Solutions

Explore Our Range

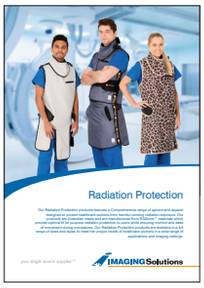
At Imaging Solutions, we take pride in offering an extensive and comprehensive range of products designed to cater to the diverse needs of healthcare facilities across the globe. Our commitment to providing top-quality equipment and technology solutions is at the core of our Preferred Supplier Agreement. This ensures that our customers receive unparalleled access to the best in class products, while benefiting from the tangible value we deliver through managing and containing operational costs. With a broad spectrum of offerings, our Single Source Supply agreements are the ideal solution for meeting your facility's specific needs.

As your trusted partner, Imaging Solutions is dedicated to providing a seamless and integrated experience, allowing you to focus on delivering exceptional patient care. With our Preferred Supplier Agreement, you can have confidence that you are investing in the most advanced and reliable products in the industry, all while enjoying the cost-saving benefits that our Single Source Supply agreements provide. Explore Our Range and discover the Imaging Solutions difference.

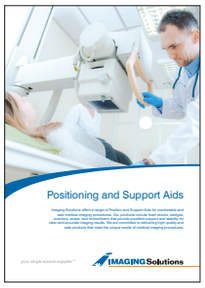
Your Single Source Supplier™

Established initially as a small medical imaging hardcopy film and consumables distributor, specialising in analogue based imaging technology, the company very quickly identified the need for a reliable supply source of high quality imaging accessories. As a result, the business targeted a niche of premium suppliers of imaging accessories and over a short space of time acquired distribution access to develop an initial foundation for today's expansive and comprehensive accessories portfolio. These industry wide market leading brands converge to develop a comprehensive product portfolio offering the company markets today.

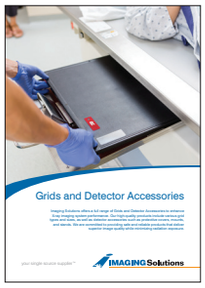
Effectively on completion of our initial growth phase, in building the accessories range offering, Imaging Solution set about the task of identifying the world's market leading brand, in every functional specialisation existing in the imaging market.



Radiation Protection



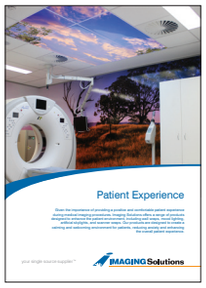
Positioning and Support Aids



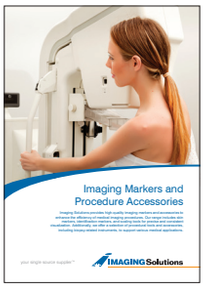
Grids and Detector Accessories

MRI Equipment and Accessories

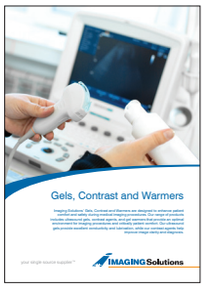
Design and Construction



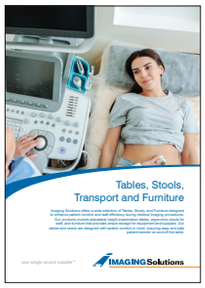
Patient Experience



Imaging Markers and Accessories

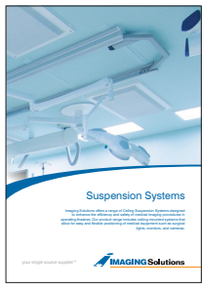


Gels, Contrast and Warmers



Tables, Stools, and Transport

Trolleys, Stands, Carts and Storage

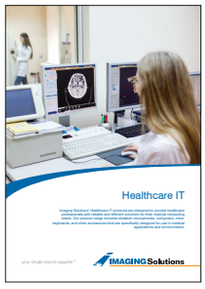


Suspension Systems

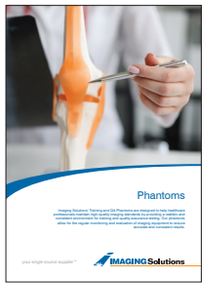
Surgical and Examination Lighting

Display Systems

Data Management



Healthcare IT



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