

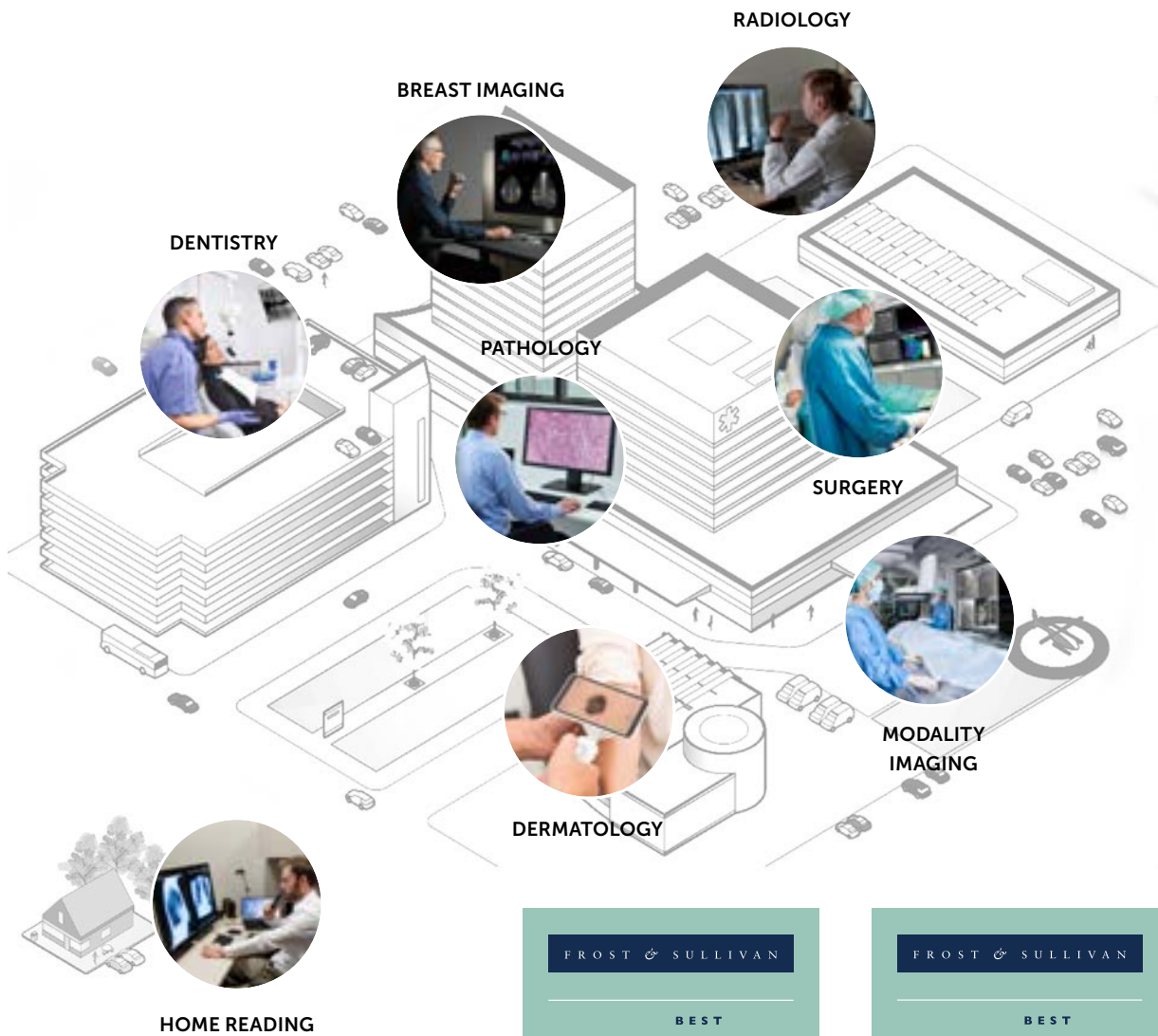
Barco Healthcare

Medical solutions portfolio



About Barco

Focused on transforming the delivery of care, Barco connects healthcare professionals at every patient touchpoint, from the imaging room to radiology, through specialist consultations and into the surgical suite. We offer a network of medical imaging solutions that deliver the complete picture to support more informed decisions, when and where it matters most.



Recognized as the Visionary Innovation Leader in medical displays by Frost & Sullivan



Recognized as the Technology Leader in the Multi-modal Medical Display Industry by Frost & Sullivan

Please note that some of our products might not be available in all regions



Radiology displays and breast imaging displays

Coronis Uniti®

breast imaging

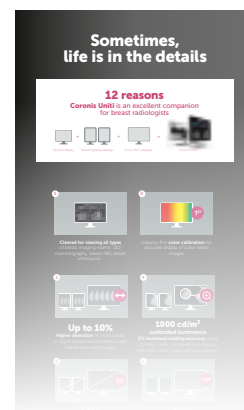
radiology



The first diagnostic display system explicitly designed for both PACS and multimodality breast imaging. Unique in its spectacular representation of calibrated color and greyscales. Remarkable in its 2D and 3D capabilities. Capable of both static and dynamic imaging.

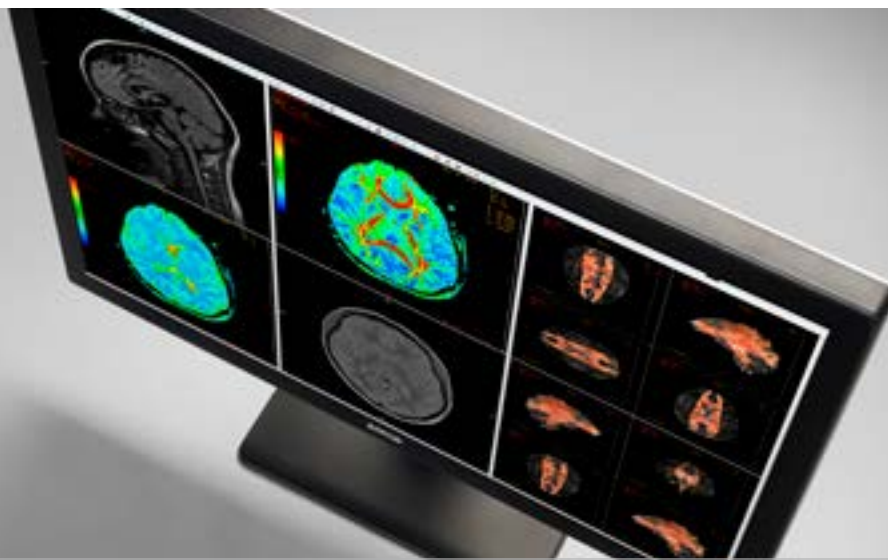
Your benefits

- > One display for all images to unify your workflow
- > 12% more pixels to display more or larger images
- > The brightest display on the market - delivers exceptional brightness resulting in more JNDs
- > Barco Optical Glass™ reduces reflections and improves contrast
- > Rapidframe technology, used in displays intended for Digital Breast Tomosynthesis, can lead up to 10% higher detection of small details ¹
- > Calibrated luminance levels of 1000 cd/m² lead to increased detection probability of breast microcalcifications compared to calibrated luminance levels of 500 cd/m² ²
- > Optimized for the standard field of vision and low reflection to minimize eye-fatigue
- > Intuitive workflow tools selectively dim/boost and focus light for closer inspection
- > Cleared for multimodality breast imaging, incl. breast tomosynthesis, 3D mammography, breast MRI, breast ultrasound, CT and ultrasound, including vascular and gynecological ultrasound
- > Industry-leading 5-year warranty



Coronis Fusion

radiology



Coronis Fusion, perfected for color imaging with vivid and calibrated colors to help you see important color 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 Color PPU technology
- > High contrast of 2000:1 to see subtle image details
- > SteadyColor™ calibration technology to see details in the important color 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

Nio

breast imaging

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

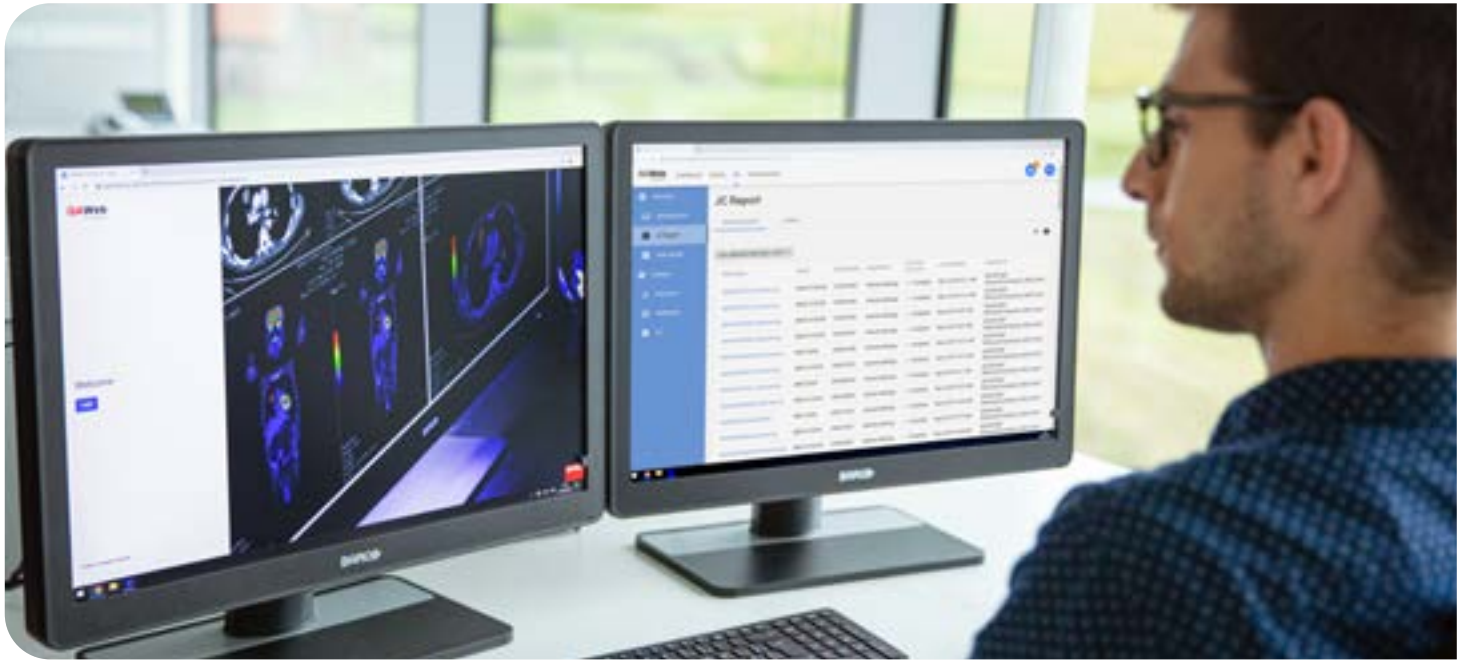
More screen, more mammo

Nio Color 5MP

- Designed for radiology and mammography with 3:4 body-like aspect ratio
- Smooth and long-lasting calibrated colors and grays with SteadyColor technology
- Front sensor and QAWeb for always-on compliance

QAWeb Enterprise

Always a clear view



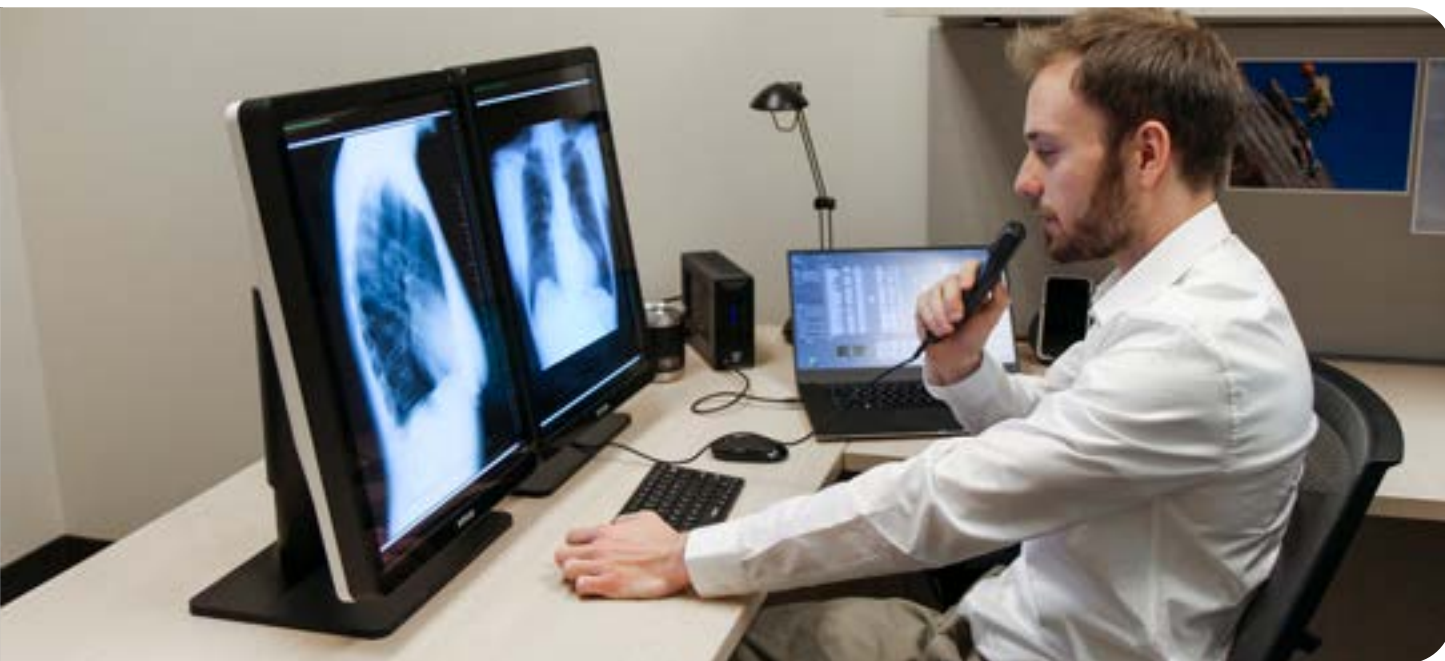
QAWeb Enterprise supports consistent image quality through automated calibration and QA, and also enables compliance to the latest regional and international regulations for image quality. Get the most out of your display fleet, in the hospital, at home, or elsewhere, and ensure best-in-class performance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

eGFX Home Read Station

Flexible remote radiology reading solution



As a radiologist, with the eGFX Home Read Station you're all set to start reading at home. It's a flexible and mobile radiology workstation solution that assures dependable image quality and consistent workflow wherever and whenever you are working. Using an eGFX station connected over Thunderbolt™ 3, you can enjoy the same imaging performance, workflow productivity and tools at home as in the hospital.

Your benefits

- > Preinstalled [MXRT display controller](#) for optimal performance
- > Access to our suite of Intuitive Workflow Tools
- > Aluminum design for lightweight performance
- > Compact design and small footprint

The eGFX Home Read Station is subject to regional availability in [North-America](#) and [Europe](#).

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!

[Learn more about our suite of Intuitive Workflow Tools](#)

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 color profile, while retaining the full diagnostic luminance for applications that require it.

SoftGlow

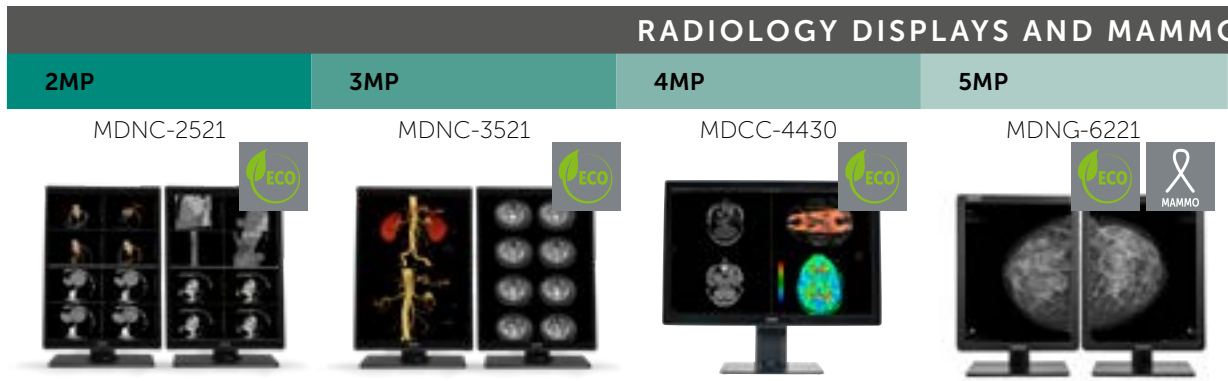
Get full control of the ambient light surrounding your workstation. Displays equipped with SoftGlow offer you two light sources, coming from your display.

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!





RADIOLOGY DISPLAYS AND MAMMO



| | 2MP | 3MP | 4MP | 5MP |
|--------------------------------------|--|--|--|--|
| | MDNC-2521 | MDNC-3521 | MDCC-4430 | MDNG-6221 |
| SPECIFICATIONS | Nio Color 2MP | Nio Color 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 Color LCD | IPS-SFT Color LCD | IPS-TFT color 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/m ² (600 cd/m ²) | 1050 cd/m ² (600 cd/m ²) | 1050 cd/m ² (600 cd/m ²) | 1000 cd/m ² (600 cd/m ²) |
| 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 front-ofscreen photometer sensor, ALC | Integrated I-Guard front-ofscreen photometer sensor, ALC | Integrated I-Guard front-ofscreen color sensor, Intelligent Multi-Sensor Technology, ALC | Integrated I-Guard front-ofscreen photometer sensor, ALC |
| Diagnostic imaging technology | SteadyColor, SteadyGray, MXRT, Intuitive Workflow Tools | SteadyColor, SteadyGray, MXRT, Intuitive Workflow Tools | SteadyColor, Color 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 all-inclusive warranty, QAWeb | Nio display system, MXRT graphics controller, Intuitive Workflow toolset, 5-year all-inclusive 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 all-inclusive 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 |

DIAGNOSTIC DISPLAYS

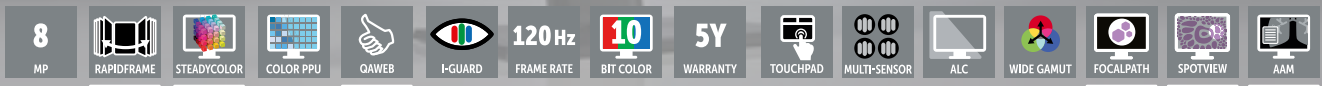
| | 6MP | 12MP | | |
|--|--|--|--|---|
| | MDNC-6121 | MDCC-6530 | MDNC-12130 | MDMC-12133 |
| |  |  |  |  |
| | Nio Color 5MP | Coronis Fusion 6MP | Nio Fusion 12MP | Coronis Uniti® |
| | 5 years | 5 years | 5 years | 5 years |
| | 433 x 325 mm (17 x 12.8") | 654 x 409 mm (25.8 x 16.1") | 653 x 435 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 color LCD | LCD | IPS |
| | 540 mm (21.3") | 772 mm (30.4") | 784 mm (30.9") | 853.44 mm (33.6") |
| | 3:4 | 16:10 | 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) | Native 12MP (4200 x 2800) Configurable to 2 x 5.8MP (2100 x 2800) | 4200 x 2800 |
| | 1000 cd/m ² (600 cd/m ²) | 1050 cd/m ² (600 cd/m ²) | 1200 cd/m ² (600 cd/m ²) | 2100 cd/m ² (1000 cd/m ²) |
| | 1400:1 | 2000:1 | 1500:1 | 1200:1 |
| | Factory fit protective, non-reflective glass cover | Factory fit protective, non-reflective glass cover | N/A | Protective, anti-reflective optical glass |
| | Integrated front-of-screen sensor, BLOS, ALC | Integrated I-Guard front-of-screen photometer sensor, Intelligent Multi-Sensor Technology, ALC | I-Guard, ALS | Integrated color I-Guard front-of-screen photometer sensor, Intelligent Multi-Sensor Technology, ALC |
| | ULT, MXRT, Intuitive Workflow Tools, SteadyColor, SteadyGray, Clear/BlueBase | SteadyColor, Color PPU, SmoothGray, MXRT, Intuitive Workflow Tools with optional touchpad | RapidFrame™, ULT, MXRT, Intuitive Workflow Tools, SteadyColor™, SteadyGray | SteadyColor, Color PPU, I-Luminate, RapidFrame, SmoothGray, DuraLight, Clear/BlueBase, SoftGlow, Filmclip, MXRT, Intuitive Workflow Tools with Touchpad |
| | DVI-D Dual Link, DisplayPort | DisplayPort 1.2 (x2) | DisplayPort 1.2 (2x) with built-in KVM switching | DisplayPort 1.2 (2x) |
| | FDA: Medical Device Class II | FDA: Medical Device Class II | FDA: Medical Device Class II | FDA: Medical Device Class II |
| | EC: Medical device class IIa (Regulation (EU) 2017/745) | EC: Medical device class IIa (Regulation (EU) 2017/745) | EC: Medical device class IIa (Regulation (EU) 2017/745) | EC: Medical device class IIa (Regulation (EU) 2017/745) |
| | Nio display system, MXRT graphics controller, Intuitive Workflow toolset, 5-year all-inclusive warranty, QAWeb | Coronis Fusion diagnostic display system, 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 Uniti diagnostic display system, MXRT graphics controller, Intuitive Workflow toolset, SoftGlow keyboard and wall light, Touchpad and film clip |
| | 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 service and warranty options |

Digital pathology display

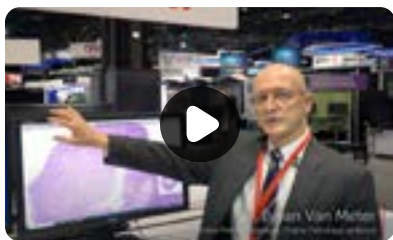
MDPC-8127



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.*



[Watch the demo](#)

**In the USA the MDPC-8127 can be used with WSI scanners and viewing software that have been validated for use with the display.*

MDPC-8127 specifications

| | |
|----------------------------|--|
| 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/m ² (max. 850 cd/m ²) |
| Contrast ratio | 1000:1 |
| Color depth | 10 bit |
| Color 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 Additional warranty and service options |

Dentistry displays and clinical review displays

Eonis

dentistry

EMR

other



A family of clinical displays for use in key clinical specialties and dental practices. Eonis delivers unmatched image consistency – providing healthcare professionals with consistent images, wherever they are – to make collaboration between specialists easier. Eonis displays can be managed centrally with QAWeb.

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)
- > Efficient and intelligent enterprise IT workflow thanks to a built-in sensor with software tool to manage quality and assets
- > Lowest cost-of-ownership over time without a need for capital budget
- > 3-year warranty

DENTISTRY DISPLAYS

MDRC-2222

MDRC-2324

MDNC-2123, option DE

MDNC-3521, option DE



| SPECIFICATIONS | Eonis 22" white | Eonis 24" white | Nio Color 2MP | Nio Color 3MP |
|------------------------------|--|--|--|--|
| Warranty | 3 years | 3 years | 5 years | 5 years |
| Active screen size | 476 mm x 268 mm (18.7" x 10.5") | 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 | LCD | IPS-SFT Color LCD |
| Diagonal size | 546 mm (21.5") | 609.6 mm (24.0") | 598 mm (23.6") | 541 mm (21.3") |
| Aspect ratio | 16:9 | 16:10 | 16:9 | 4:3 |
| Native resolution | 2MP (1920 x 1080) | 2MP (1920 x 1200) | 2MP (1920 x 1080) | 3MP (1536 x 2048) |
| Luminance (DICOM calibrated) | 300 cd/m ² (180 cd/m ²) | Standard brightness version: 430 cd/m ² (250 cd/m ²) High brightness version: 600 cd/m ² (350 cd/m ²) | 370 cd/m ² (460 cd/m ²) | 1050 cd/m ² (600 cd/m ²) |
| Contrast ratio | 1000:1 | 1000:1 | 1000:1 | 2000:1 |
| Screen protection | Protective, anti-glare glass cover | 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 | Front consistency sensor | Integrated front-of-screen sensor, BLOS, ALC presets | Integrated I-Guard front-of-screen photometer sensor, ALC |
| Video input signals | DisplayPort, DVI | 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 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 | <ul style="list-style-type: none"> • Eonis display • 3-year all-inclusive warranty • QAWeb | <ul style="list-style-type: none"> • Eonis display • 3-year all-inclusive warranty • QAWeb | <ul style="list-style-type: none"> • Nio display • 5-year all-inclusive warranty • QAWeb | <ul style="list-style-type: none"> • Nio display system • MXRT graphics controller • Intuitive Workflow toolset • 5-year all-inclusive warranty • QAWeb |
| Options | <ul style="list-style-type: none"> • MXRT graphics controller • Intuitive Workflow toolset • Versions: white/black, cover/no cover/touchscreen • Additional service and warranty options | <ul style="list-style-type: none"> • MXRT graphics controller • Intuitive Workflow toolset • Versions: white/black, standard/high-brightness, cover/no cover/touchscreen • Additional service and warranty options | <ul style="list-style-type: none"> • Additional MXRT graphics controller options • Intuitive Workflow toolset • Protective cover • Additional service and warranty options | <ul style="list-style-type: none"> • Additional MXRT graphics controller options • Additional service and warranty options |

MEDICAL ALL-IN-ONES



| SPECIFICATIONS | JAO 18 MkII* | JAO 21* | MUIP-2213 |
|----------------------------|--|--|--|
| Warranty | 2 years | 2 years | 3 years |
| Screen technology | a-Si TFT LCD | a-Si TFT LCD | a-Si TFT LCD |
| Diagonal size | 18.5" | 21.5" | 13.3" |
| Aspect ratio | 16:9 | 16:9 | 16:9 |
| Native resolution | 1366x768 | 1920x1080 | 1920x1080 |
| Luminance | 300 cd/m ² | 250 cd/m ² | 400 cd/m ² |
| Touch screen | PCAP multi-touch with 10 fingers (supports gloves touch) | PCAP multi-touch with 10 fingers (supports gloves touch) | PCAP multi-touch with 10 fingers (supports gloves touch) |
| Screen protection | N/A | N/A | Anti-glare treatment |
| Cleanability | IP65 | IP65 | IPX3 |
| Video input signals | N/A | N/A | N/A |
| Medical Device Regulations | Medical grade ITE device | Medical grade ITE device | Medical grade ITE device |
| Accessories | Extended Cables for ARS5 USB Cable RJ11 6P6C Cable RJ45 Cable VESA Mounting Screws Thumbscrew | Extended Cables for ARS5 USB Cable RJ11 6P6C Cable RJ45 Cable VESA Mounting Screws Thumbscrew | Desktop stand |
| Package includes | JAO18 MKII, PSU 90W Medical Adapter (19V @ 4.74 A Adapter) EU Power cord | JAO21, PSU 90W Medical Adapter (19V @ 4.74 A Adapter) EU Power cord, Extended power cable | MUIP-2213, Sealed connector cover, AC/DC Power adapter (100-240VAC) & EU / US Power cord (depending on the model) User guide (English) |

Options

Ask about our different models and associated accessories

**This product is subject to regional availability.*

CLINICAL REVIEW DISPLAYS

MDRC-1219

MDRC-2321

MDRC-2222, Option BL

MDRC-2222, Option WP



SPECIFICATIONS

Eonis 19"

Eonis 21"

Eonis 22" black

Eonis 22" white

Warranty

3 years

3 years

3 years

3 years

Active screen size

376 x 301 mm
(14.81 x 11.85")

432 mm x 324 mm
(17" x 12.76")

476 mm x 268 mm
(18.7" x 10.5")

476 mm x 268 mm
(18.7" x 10.5")

Screen technology

IPS-TFT Color LCD

TFT Color LCD

TFT Color LCD IPS

TFT Color LCD IPS

Diagonal size

482 mm (19")

541 mm (21.3")

546 mm (21.5")

546 mm (21.5")

Aspect ratio

5:4

4:3

16:9

16:9

Native resolution

1MP (1280 x 1024)

2MP (1600 x 1200)

2MP (1920 x 1080)

2MP (1920 x 1080)

Luminance (DICOM calibrated)

330 cd/m² (250 cd/m²)

440 cd/m² (250 cd/m²)

300 cd/m² (180 cd/m²)

300 cd/m² (180 cd/m²)

Contrast ratio

1000:1

1500:1

1000:1

1000:1

Screen protection

Optional:
PCAP touchscreen

Optional:
PCAP touchscreen

Optional:
PCAP touchscreen

Protective, non-reflective
glass cover - Optional:
PCAP touchscreen

Front sensor technology

Front consistency sensor

Front consistency sensor

Front consistency sensor

Front consistency sensor

Video input signals

DisplayPort, DVI-I

DisplayPort, DVI-I

DisplayPort, DVI-I

DisplayPort, DVI-I

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)

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

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
- Intuitive Workflow toolset
- [Additional service and warranty options](#)



MDRC-2324, Option BL

MDRC-2324, Option WP



| | |
|------------------------|------------------------|
| Eonis 24" black | Eonis 24" white |
|------------------------|------------------------|

| | |
|---------|---------|
| 3 years | 3 years |
|---------|---------|

| | |
|--|--|
| 518.4 mm x 324.0 mm (20.41" x 12.76") | 518.4 mm x 324.0 mm (20.41" x 12.76") |
|--|--|

| | |
|-------------------|-------------------|
| TFT Color LCD IPS | TFT Color LCD IPS |
|-------------------|-------------------|

| | |
|------------------|------------------|
| 609.6 mm (24.0") | 609.6 mm (24.0") |
|------------------|------------------|

| | |
|-------|-------|
| 16:10 | 16:10 |
|-------|-------|

| | |
|-------------------|-------------------|
| 2MP (1920 x 1200) | 2MP (1920 x 1200) |
|-------------------|-------------------|

| | |
|--|--|
| Standard brightness version: 430 cd/m ² (250 cd/m ²) High brightness version: 600 cd/m ² (350 cd/m ²) | Standard brightness version: 430 cd/m ² (250 cd/m ²) High brightness version: 600 cd/m ² (350 cd/m ²) |
|--|--|

| | |
|--------|--------|
| 1000:1 | 1000:1 |
|--------|--------|

| | |
|-------------------------------|---|
| Optional: PCAP touchscreen | Protective, non-reflective glass cover - Optional: PCAP touchscreen |
|-------------------------------|---|

| | |
|--------------------------|--------------------------|
| Front consistency sensor | Front consistency sensor |
|--------------------------|--------------------------|

| | |
|--------------------|--------------------|
| DisplayPort, DVI-I | DisplayPort, DVI-I |
|--------------------|--------------------|

| | |
|---|---|
| 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) |
|---|---|

- | | |
|---|---|
| <ul style="list-style-type: none"> • Eonis display • 3-year all-inclusive warranty • QAWeb | <ul style="list-style-type: none"> • Eonis display • 3-year all-inclusive warranty • QAWeb |
|---|---|

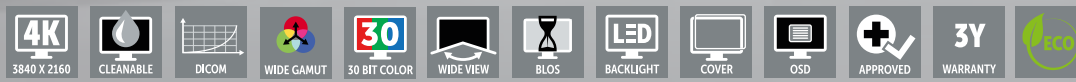
- | | |
|--|---|
| <ul style="list-style-type: none"> • MXRT graphics controller • PCAP touchscreen • Intuitive Workflow toolset • High-bright version • Additional service and warranty options | <ul style="list-style-type: none"> • MXRT graphics controller • PCAP touchscreen • Intuitive Workflow toolset • Additional service and warranty options |
|--|---|

Surgical and endoscopy displays

AMM & MDXC

surgery

endoscopy



A family of surgical and endoscopy 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 colors from any viewing angle
- > 4:4:4 chroma subsampling for impeccable color 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

ENDOSCOPY DISPLAYS



| SPECIFICATIONS | AMM215WTPP | 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 |
| Diagonal size | 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 |
| Native resolution | Full HD 1920 x 1080 | WUXGA 1920 x 1200 | 4K UHD 3840 x 2160 | 4K UHD 3840 x 2160 | 4K-2K UHD 4096 x 2160 |
| Luminance | 250 cd/m ² | 300 cd/m ² | 750 cd/m ² | 800 cd/m ² | 550 cd/m ² |
| Contrast ratio | 1000:1 | 1000:1 | 1400:1 | 1000:1 | 1400:1 |
| Screen protection | 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 |
| Cleanability | IPX1 | IP22 | IP21 (IP45 front side) | IP21 (IP45 front side only) | IP20 (IP45 front side only) |
| Failover | N/A | N/A | Yes | Yes | Yes |
| Video input signals | 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 HDMI 2.0 (all up to 3840 x 2160 @ 50/60 Hz) FHD input (upscaled to UHD): 1x DVI, 1x 3G-SDI* NXF version 4K-UHD input: 1x DP 1.2 SST / MST 1x HDMI 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 Nexis link* | 4K-UHD input, either: Quad-link 3G-SDI, 12G-SDI, 1x DP 1.1, 1x DP 1.2 MST, 2x HDMI 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 output signal | 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) |
| Medical device regulations | 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 Device Class I |
| Package includes: | <ul style="list-style-type: none"> • AMM 215WTPP display • 1.5 year all-inclusive warranty | <ul style="list-style-type: none"> • AMM 240ED display • 2-year all-inclusive warranty | <ul style="list-style-type: none"> • MDSC display • 3-year all-inclusive warranty | <ul style="list-style-type: none"> • MDSC display • 3-year all-inclusive warranty | <ul style="list-style-type: none"> • MDSC display • 3-year all-inclusive warranty |
| Options | <ul style="list-style-type: none"> • Ask about our different model options and associated accessories • Additional service and warranty options | <ul style="list-style-type: none"> • Ask about our different model options and associated accessories • Additional service and warranty options | <ul style="list-style-type: none"> • Ask about our different model options and associated accessories • Additional service and warranty options | <ul style="list-style-type: none"> • Ask about our different model options and associated accessories • Additional service and warranty options | <ul style="list-style-type: none"> • Ask about our different model options and associated accessories • Additional service and warranty options |

* DP, HDMI and DVI all support HDCP 1.4

LARGE SCREEN DISPLAYS



| 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 |
| TFT AM LCD / IPS-PRO technology / LED backlight | TFT AM LCD / IPS-PRO technology / LED backlight | TFT AM LCD / LED back- light | TFT AM LCD / IPS 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/m ² | 450 cd/m ² | 850 cd/m ² | 500 cd/m ² | 350 cd/m ² |
| 1300:1 | 1300:1 | 1350:1 | 1000:1 | 1100:1 |
| Scratch-resistant 2-side anti-reflective alkali-alumi- nosilicate glass cover | Scratch-resistant 2-side anti-reflective alkali-alumi- nosilicate glass cover | 2-side anti-reflective alkali- aluminosilicate glass cover | 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 only) | IP20 (IP45 front side only) | IP21 (IP45 front side only) | 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 HDMI2.0 (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 HDMI2.0 (3HB) FHD resolution: 2x 3G-SDI (dual stream) | SSTF version 4K-UHD input: 1x DP 1.2 SST/MST 2x HDMI 2.0 (all up to 3840 x 2160 @ 50/60 Hz) FHD input (upscaled to UHD): 1x DVI, 1x 3G-SDI *; NXF version 4K-UHD input: 1x DP 1.2 SST / MST 1x HDMI 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 HDMI 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 |
| <ul style="list-style-type: none"> • MDSC display • 3-year all-inclusive warranty | <ul style="list-style-type: none"> • MDSC display • 3-year all-inclusive warranty | <ul style="list-style-type: none"> • MDSC display • 3-year all-inclusive warranty | <ul style="list-style-type: none"> • MDSC display • 3-year all-inclusive warranty | <ul style="list-style-type: none"> • MDAC display • 3-year all-inclusive warranty |
| <ul style="list-style-type: none"> • Ask about our different model options and associated accessories • Additional service and warranty options | <ul style="list-style-type: none"> • Ask about our different model options and associated accessories • Additional service and warranty options | <ul style="list-style-type: none"> • Ask about our different model options and associated accessories • Additional service and warranty options | <ul style="list-style-type: none"> • Ask about our different model options and associated accessories • Additional service and warranty options | <ul style="list-style-type: none"> • Ask about our different model options and associated accessories • Additional service and warranty options |

* DP, HDMI and DVI all suport HDCP 1.4

MDMX-MNA

surgery



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.

Nexxis is available via OR solution providers, ask your contact person about it!

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

IN-WALL CONSOLES FOR THE OR



| SPECIFICATIONS | 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 x 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/m ² 24": 250 cd/m ² | 500 cd/m ² | 15": 300 cd/m ² 24": 250 cd/m ² 49": 500 cd/m ² |
| 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 | <ul style="list-style-type: none"> • Touchscreen • Neutrik opticalCON accessories • Keyboard/trackpad module • Ask about our different model options and associated accessories • Additional service and warranty options | <ul style="list-style-type: none"> • Neutrik opticalCON accessories • Keyboard/trackpad module • Ask about our different model options and associated accessories • Additional service and warranty options | <ul style="list-style-type: none"> • Touchscreen • 1 or 2 keyboard/trackpad modules • Ask about our different model options and associated accessories • Additional service and warranty options |

Platforms for the digital operating room

Nexxis

surgery



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.

Nexxis integrates into the majority of the world's leading OR solution providers. Ask your contact person about Nexxis, its benefits of operational efficacy and how it can future-proof your ORs.



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 collaboration, education and demonstration

Remote work is everywhere, so why not make it happen in hospitals, too? NexxisLive can be used by any healthcare professional - with any level of expertise; as well as medical device representatives or experts. Basically, anyone in the surgical and interventional arena who needs or wants to collaborate with remote users, to consult, to mentor or proctor sessions or to assist a team during procedures or cases, to teach to students who are in a university classroom or lecture hall or to broadcast a live-procedure to a congress venue – in real time under secured bi-directional communication.

With NexxisLive, you can talk, chat, share and draw as if you're all in the same room. No matter how far away you are.

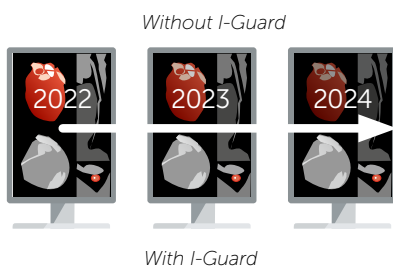
**Barco technologies
that make a difference**

I-Guard™ front sensor

This integrated, patented front-of-screen photometer has become the industry-standard technology for monitoring image quality and DICOM consistency. The new generation of I-Guard has been improved to measure much finer gradations of colors spread over the color 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

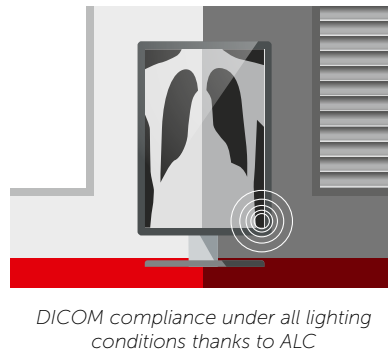


Ambient Light Compensation™ (ALC)

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

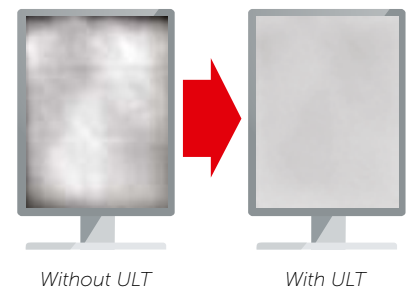


Uniform Luminance Technology™ (ULT)

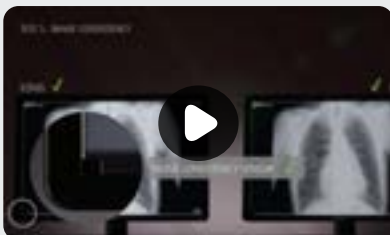
LCD panels typically suffer from non-uniform behavior across more than 25% of the screen area, causing noise in the image. ULT eliminates those luminance and color non-uniformities, making sure that your display is compliant with DICOM GSDF across the entire screen area.

Benefits

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

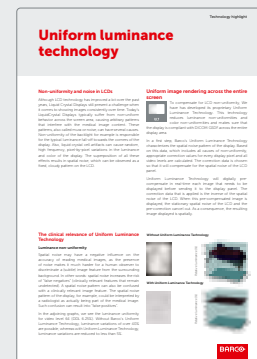


I-Guard video



[Watch video](#)

ULT technology highlight



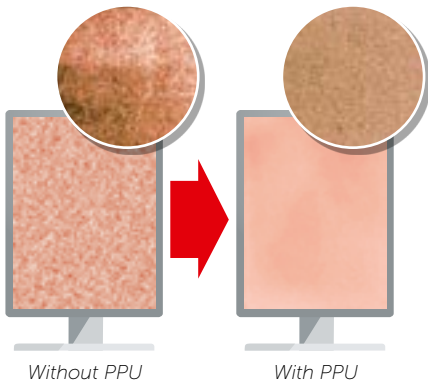
[Download](#)

Color 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 colors and grayscales.

Benefits

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

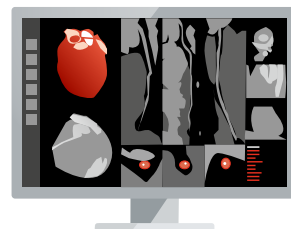


Fusion

'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



Coronis Fusion video



[Watch video](#)

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

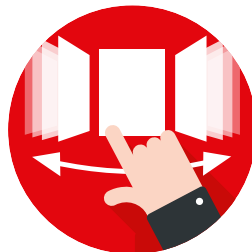


RapidFrame™

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

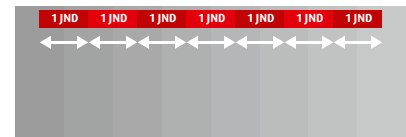


I-Luminate™

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 film-based studies
- > Uninterrupted DICOM-compliance

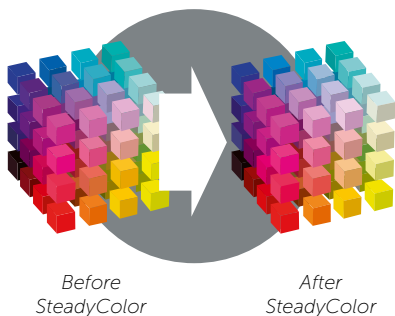


SteadyColor™ & SteadyGray™

Around 90% of images generated are now in color and color is often used for additional functionality (e.g. combining Doppler images with ultrasound). In order to guarantee consistent, perceptually linear color and still meet the DICOM standard for grayscales, SteadyColor 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). SteadyGray uses the same color calibration technology to achieve a more constant and consistent gray appearance.

Benefits

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

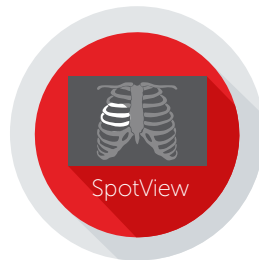


SpotView™

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

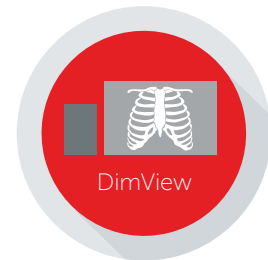


DimView™

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

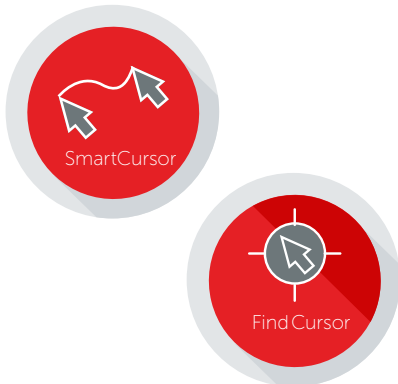


SmartCursor™/ FindCursor™

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

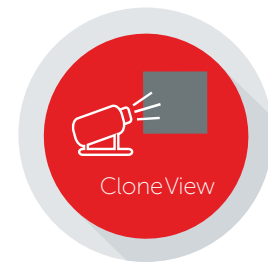


Conference CloneView™

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 color profile and luminance of each application window so content appears as intended.

Benefits

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

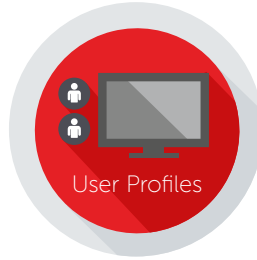


User Profiles

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 high

Benefits

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

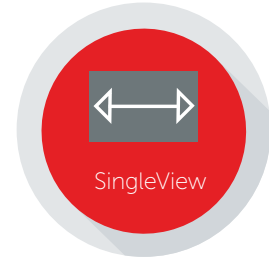


SingleView™

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



Screenshot



















Capturing ideal images for meetings and review, this tool enables you to take a screenshot of what is currently in focus.

Benefits

- > Easy to communicate and share images and data
- > Fosters easy collaboration between peers



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 |  eco | Product has the Barco ecolabel |

About Barco Healthcare

Improving the quality and value of care are the leading priorities for healthcare professionals today. . At a time when the amount of data and demand for mobility are growing rapidly and quality and compliance regulations are becoming stricter, healthcare systems struggle to work more efficiently, and to provide personalized care to a growing number of patients in an affordable way.

Focused on transforming the delivery of care, Barco connects healthcare professionals at every patient touch point, from the imaging room, to radiology, through specialist consultations and into the surgical suite. We offer a network of medical imaging solutions that deliver the complete picture to support more informed decisions, when and where it matters most.

It's why we are considered the gold standard for medical visualization and how we are there at every stage of the patient's journey. So healthcare professionals can focus on patients' needs and, in the end, achieve the best clinical outcome.

Visioneering a bright tomorrow



Contact your Connection Account Team for more information.

| | | |
|--|----------------------|-------------------------|
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| www.connection.com/Barco | | |

¹ Marchessoux, C., et al. (2011). Validation of a new digital breast tomosynthesis medical display. Proceedings of SPIE, 7966, 79660R

² Kimpe, T. R. & Xthona, A. (2012). Quantification of detection probability of microcalcifications at increased display luminance levels. , Breast Imaging, Springer 7361, 490-497.

³ Mony Weschler, Montefiore Medical Center, 2012

M00193-R31-1023-PC October 2023

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C2547974-0324

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