



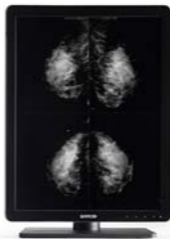






Barco Healthcare

Product specifications



	DIAGNOSTIC				DISPLAYS				
	2MP	3MP	4MP	5MP	6MP	12MP			
	MDNC-2221	MDNC-3421	MDCG-3221	MDCC-4330	MDNG-5221	MDNC-6221	MDCG-5221	MDCC-6430	MDMC-12133
									
SPECIFICATIONS	Nio Color 2MP	Nio Color 3MP	Coronis 3MP	Coronis Fusion 4MP	Nio 5MP	Nio Color 5MP	Coronis 5MP	Coronis Fusion 6MP	Coronis Uniti®
Warranty	5 years	5 years	5 years	5 years	5 years	5 years	5 years	5 years	5 years
Active screen size (H x V)	432 x 324 mm (17.0 x 12.8")	433 x 325 mm (17.0 x 12.8")	325 mm x 433 mm (12.8" x 17.1")	654 x 409 mm (25.8 x 16.1")	422.4 mm x 337.9 mm (16.5 x 13.3")	433 x 325 mm (17 x 12.8")	422.4 mm x 337.9 mm (16.5 x 13.3")	654 x 409 mm (25.8 x 16.1")	708.1 x 472.1 mm (27.8 x 18.6")
Screen technology	TFT AM Color LCD IPS	TFT AM Color LCD IPS	UA-SFT (Ultra Advanced Super Fine Technology)	IPS-TFT color LCD	a-si TFT active matrix dual domain IPS	a-si TFT active matrix dual domain IPS	a-si TFT active matrix dual domain IPS	IPS-TFT color LCD	IPS
Diagonal size	540 mm (21.3")	540 mm (21.3")	540 mm (21.3")	772 mm (30.4")	540 mm (21.3")	540 mm (21.3")	540 mm (21.3")	772 mm (30.4")	853.44 mm (33.6")
Aspect ratio	4:3	4:3	4:3	16:10	5:4	3:4	5:4	16:10	3:2
Native resolution	2MP (1600 x 1200)	3MP (2048 x 1536)	3MP (2048 x 1536)	4MP (2560 x 1600)	5MP (2560 x 2048)	5.8MP (2100 x 2800)	5MP (2560 x 2048)	Native 6MP (3280 x 2048) Configurable to 2 x 3MP+ (1640 X 2048) Configurable to 2 x 3MP (1536 X 2048)	4200 x 2800
Luminance (DICOM calibrated)	800 cd/m ² (400 cd/m ²)	900 cd/m ² (500 cd/m ²)	1700 cd/m ² (600 cd/m ²)	1050 cd/m ² (600 cd/m ²)	1020 cd/m ² (500 cd/m ²)	1000 cd/m ² (500 cd/m ²)	1200 cd/m ² (600 cd/m ²)	1050 cd/m ² (600 cd/m ²)	2100 cd/m ² (1000 cd/m ²)
Contrast ratio	1400:1	1400:1	1400:1	1500:1	1200:1	1400:1	1200:1	1500:1	1200:1
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	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	Factory fit protective, non-reflective glass cover
Sensor technology	Integrated front-of-screen sensor, BLOS, ALC presets	Integrated front-of-screen sensor, BLOS, ALC presets	Integrated I-Guard front-of-screen photometer sensor, Intelligent Multi-Sensor Technology, ALC	Integrated I-Guard front-of-screen color sensor, Intelligent Multi-Sensor Technology, ALC	Integrated front-of-screen sensor, BLOS, ALC	Integrated front-of-screen sensor, BLOS, ALC	Integrated I-Guard front-of-screen photometer sensor, ALC	Integrated I-Guard front-of-screen photometer sensor, Intelligent Multi-Sensor Technology, ALC	Integrated color I-Guard front-of-screen photometer sensor, Intelligent Multi-Sensor Technology, ALC
Diagnostic imaging technology	ULT, MXRT, Intuitive Workflow Tools	ULT, MXRT, Intuitive Workflow Tools	PPU, DuraLight, MXRT, Intuitive Workflow Tools	Color PPU, SmoothGray, MXRT, Intuitive Workflow Tools with optional touchpad	ULT, MXRT, Intuitive Workflow Tools	ULT, MXRT, Intuitive Workflow Tools, SteadyColor, SteadyGray	PPU, SmoothGray, DuraLight, I-Luminate, MXRT, Intuitive Workflow Tools	Color PPU, SmoothGray, MXRT, Intuitive Workflow Tools with optional touchpad	SteadyColor, Color PPU, I-Luminate, RapidFrame, SmoothGray, DuraLight, Clear/BlueBase, SoftGlow, Filmclip, MXRT, Intuitive Workflow Tools with Touchpad
Video input signals	DVI-D Dual Link, DisplayPort	DVI-D Dual Link, DisplayPort	DVI-D Dual Link, DisplayPort	DVI-D Dual Link (2x), DisplayPort (2x)	DVI-D Dual Link, DisplayPort	DVI-D Dual Link, Display-Port	DVI-D Dual Link, DisplayPort	DVI-D Dual Link, DisplayPort	DP 1.2
Medical device regulations	FDA (510)k: Digital Radiography Class II EC: Diagnostic or therapeutical radiology, Class IIb	FDA (510)k: Digital Radiography Class II EC: Diagnostic or therapeutical radiology, Class IIb	FDA (510)k: Digital Radiography Class II EC: Diagnostic or therapeutical radiology, Class IIb	FDA (510)k: Digital Radiography Class II EC: Diagnostic or therapeutical radiology, Class IIb	FDA (510)k: Digital Radiography & Mammography Class II EC: Diagnostic or therapeutical radiology, Class IIb	FDA (510)k: Digital Radiography & Mammography Class II, including breast tomosynthesis EC: Diagnostic or therapeutical radiology, Class IIb	FDA (510)k: Digital Radiography & Mammography Class II EC: Diagnostic or therapeutical radiology, Class IIb	FDA (510)k: Digital Radiography Class II EC: Diagnostic or therapeutical radiology, Class IIb	FDA (510)k: Digital Radiography multi-modality breast imaging, incl. breast tomosynthesis, 3D mammography, breast MRI, breast ultrasound, CT and ultrasound, including vascular and gynecological ultrasound Class II EC: Diagnostic or therapeutical radiology, Class IIb
Package includes	Nio display system, MXRT graphics controller, Intuitive Workflow toolset, 5-year all-inclusive warranty, MediCal QAWeb Agent	Nio display system, MXRT graphics controller, Intuitive Workflow toolset, 5-year all-inclusive warranty, MediCal QAWeb Agent	Coronis diagnostic display system, MXRT graphics controller, Intuitive Workflow toolset, 5-year all-inclusive warranty, MediCal QAWeb Agent	Coronis Fusion diagnostic display system, MXRT graphics controller, Intuitive Workflow toolset, 5-year all-inclusive warranty, MediCal QAWeb Agent	Nio display system, MXRT graphics controller, Intuitive Workflow toolset, 5-year all-inclusive warranty, MediCal QAWeb Agent	Nio display system, MXRT graphics controller, Intuitive Workflow toolset, 5-year all-inclusive warranty, MediCal QAWeb Agent	Coronis diagnostic display system, MXRT graphics controller, Intuitive Workflow toolset, 5-year all-inclusive warranty, MediCal QAWeb Agent	Coronis Fusion diagnostic display system, MXRT graphics controller, Intuitive Workflow toolset, 5-year all-inclusive warranty, MediCal QAWeb Agent	Coronis Uniti diagnostic display system, MXRT graphics controller, Intuitive Workflow toolset, SoftGlow keyboard and wall light, Touchpad and film clip
Options	Additional MXRT graphics controller options, MediCal QAWeb Premium, Extended and Advanced Warranty	Additional MXRT graphics controller options, MediCal QAWeb Premium, Extended and Advanced Warranty	Additional MXRT graphics controller options, MediCal QAWeb Premium, Extended and Advanced Warranty	Additional MXRT graphics controller options, MediCal QAWeb Premium, Extended and Advanced Warranty	Additional MXRT graphics controller options, MediCal QAWeb Premium, Extended and Advanced Warranty	Additional MXRT graphics controller options, MediCal QAWeb Premium, Extended and Advanced Warranty	Additional MXRT graphics controller options, MediCal QAWeb Premium, Extended and Advanced Warranty	Additional MXRT graphics controller options, MediCal QAWeb Premium, Extended and Advanced Warranty	Extended and Advanced Warranty, MediCal QAWeb Premium

CLINICAL DISPLAYS

MDRC-1219 (TS)

MDRC-2221

MDRC-2222, Option TS

MDRC-2222, Option BL

MDRC-2222, Option WP

MDRC-2224, Option BL

MDRC-2224, Option WP



SPECIFICATIONS

MDRC-1219 (TS)

Eonis 21"

Eonis 22" touch

Eonis 22" black

Eonis 22" white

Eonis 24" black

Eonis 24" white

Warranty

3 years

3 years

3 years

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")

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

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

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

Screen technology

IPS-TFT Color LCD

TFT Color LCD

TFT Color LCD IPS

TFT Color LCD IPS

TFT Color LCD IPS

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")

546 mm (21.5")

611.3 mm (24.1")

611.3 mm (24.1")

Aspect ratio

5:4

4:3

16:9

16:9

16:9

16:10

16:10

Native resolution

1MP (1280 x 1024)

2MP (1600 x 1200)

2MP (1920 x 1080)

2MP (1920 x 1080)

2MP (1920 x 1080)

2MP (1920 x 1200)

2MP (1920 x 1200)

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)

300 cd/m² (180 cd/m²)

300 cd/m² (180 cd/m²)

300 cd/m² (180 cd/m²)

Contrast ratio

1000:1

1500:1

1000:1

1000:1

1000:1

1000:1

1000:1

Screen protection

n/a

n/a

Protective, non-reflective glass cover

n/a

Protective, non-reflective glass cover

n/a

Protective, non-reflective glass cover

Front sensor technology

Front consistency sensor

Front consistency sensor

Front consistency sensor

Front consistency sensor

Front consistency sensor

Front consistency sensor

Front consistency sensor

Cleanability

n/a

n/a

n/a

n/a

IP32

n/a

IP32

Video input signals

DisplayPort, DVI

DisplayPort, DVI

DisplayPort, DVI-I

DisplayPort, DVI-I

DisplayPort, DVI-I

VGA, DisplayPort, HDMI

VGA, DisplayPort, HDMI

Medical device regulations

FDA & EC: Viewing of medical radiology images (Class I)

FDA & EC: Viewing of medical radiology images (Class I)

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FDA & EC: Viewing of medical radiology images (Class I)

FDA & EC: Viewing of medical radiology images (Class I)

Package includes

- MDRC display
- 3-year all-inclusive warranty
- MediCal QAWeb Agent

- Eonis display
- 3-year all-inclusive warranty
- MediCal QAWeb Agent

- Eonis display
- 3-year all-inclusive warranty
- MediCal QAWeb Agent

- Eonis display
- 3-year all-inclusive warranty
- MediCal QAWeb Agent

- Eonis display
- 3-year all-inclusive warranty
- MediCal QAWeb Agent

- Eonis display
- 3-year all-inclusive warranty
- MediCal QAWeb Agent

- Eonis display
- 3-year all-inclusive warranty
- MediCal QAWeb Agent

Options

- MXRT graphics controller
- Intuitive Workflow toolset
- MediCal QAWeb Premium

- MXRT graphics controller
- Intuitive Workflow toolset
- MediCal QAWeb Premium

- MXRT graphics controller
- Intuitive Workflow toolset
- MediCal QAWeb Premium

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- Intuitive Workflow toolset
- MediCal QAWeb Premium

- MXRT graphics controller
- Intuitive Workflow toolset
- MediCal QAWeb Premium

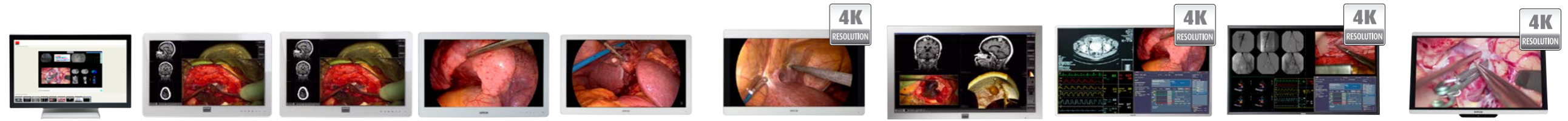
- MXRT graphics controller
- Intuitive Workflow toolset
- MediCal QAWeb Premium

- MXRT graphics controller
- Intuitive Workflow toolset
- MediCal QAWeb Premium

SURGICAL DISPLAYS

ENDOSCOPY DISPLAYS

LARGE-SCREEN DISPLAYS



SPECIFICATIONS	AMM 215WTD	MDSC-2324	MDSC-2326	MDSC-2326 High Bright	MDSC-2232	MDSC-8231	MDSC-2242	MDSC-8255	MDSC-8358	MDSC-8427
Warranty	18 months	3 years	3 years	3 years	3 years	3 years	3 years	3 years	2 years	3 years
Active screen size (H x V)	475 x 267 mm (18.7 x 10.5")	518.4 x 324 mm (20.4" x 12.7")	576 x 324 mm (22.7" x 12.8")	576 x 324 mm (22.7" x 12.8")	698 x 393 mm (27.48" x 15.47")	698 x 368 mm (27.48" x 14.49")	930 x 523 mm (36.6" x 20.6")	1210 x 640 mm	1270 x 721.5 mm (50 x 28.4")	597 x 336 mm (23.5" x 13.2")
Screen technology	TFT AM LCD / LED Backlight	TFT AM LCD / S-IPS technology / LED backlight	TFT AM LCD / IPS-PRO / LED backlight	TFT AM LCD / IPS-PRO / LED backlight	TFT AM LCD / S-IPS technology / LED backlight	TFT AM LCD / IPS-PRO technology / LED backlight	TFT AM LCD / LED backlight	TFT AM LCD / IPS technology / LED backlight	a-si TFT active matrix	TFT AM LCD / IPS-PRO technology / LED backlight
Diagonal size	21.46" (545.2 mm)	24" (611.3 mm)	26" (661 mm)	26" (661 mm)	31.55" (801 mm)	31" (789 mm)	42" (1067 mm)	54.6" (1388 mm)	58" (1473 mm)	27" (685 mm)
Aspect ratio	16:9	16:10	16:9	16:9	16:9	17:9	16:9	16:9	16:9	16:9
Native resolution	Full HD 1920 x 1080	WUXGA 1920 x 1200	Full HD 1920 x 1080	Full HD 1920 x 1080	Full HD 1920 x 1080	4K-2K UHD 4096 x 2160	Full HD 1920 x 1080	4K UHD 3840 x 2160	4K UHD 3840 x 2160	4K UHD 3840 x 2160
Luminance	250 cd/m ²	400 cd/m ²	500 cd/m ²	900 cd/m ²	450 cd/m ²	550 cd/m ²	500 cd/m ²	500 cd/m ²	700 cd/m ²	750 cd/m ²
Contrast ratio	1000:1	1500:1	1400:1	1400:1	1300:1	1400:1	4000:1	1000:1	4000:1	1400:1
Screen protection	Double-side anti-reflective PMMA protective cover	Double-side anti-reflective PMMA protective cover	Scratch-resistant 2-side anti-reflective alkali-aluminosilicate glass cover	Scratch-resistant 2-side anti-reflective alkali-aluminosilicate glass cover	Double side anti-reflective tempered glass protective cover	Scratch-resistant 2-side anti-reflective alkali-aluminosilicate glass cover	Double side anti-reflective tempered glass protective cover	Scratch-resistant, 2-side anti-reflective glass cover	Double side anti-reflective laminated glass protective cover	Scratch-resistant 2-side anti-reflective alkali-aluminosilicate glass cover
Cable management	n/a	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Cleanability	IP21 (IPx5 front)	IP21 (IP45 front)	IP21 (IP45 front side)	IP21 (IP45 front side)	IP20 (IP45 front side only)	IP20 (IP45 front side only)	IP21 (IPx5 front side only)	IP20 (IP45 front side)	IP20 (IP21 with protective glass)	IP21 (IP45 front side)
Failover	n/a	Yes	Yes	Yes	Yes	Yes	Yes	n/a	Yes	Yes
Video input signals	2xDVI-I, VGA, RGBS / YPbPr, S-video, Composite video, 3G-SDI	DVI-I Single-Link (Digital & Analog / HDMI support with HDCP), Component Video RGBS / YPbPr (4x4BNC) / S-video / Composite video / 3G-SDI / DisplayPort v 1.1a Optional: integrated Nexxis network adapter	DVI-I (HDMI support), RGBS / YPbPr, S-video, Composite video, 3G-SDI, DisplayPort (1.1a) Optional: integrated Nexxis MNA-120 network adapter / 2nd DVI / 2nd SDI	DVI-I (HDMI support), DVI-D, 2x 3G-SDI, RGBS / YPbPr, S-video, Composite video, DisplayPort 1.1a Optional: integrated Nexxis MNA-120 decoder	DVI-I (2x - HDMI support), RGBS / YPbPr, S-video, Composite video, 3G-SDI (2x), DisplayPort (1.1a) Optional: integrated Nexxis MNA-120 network adapter	2x DP 1.1, 1x DP 1.2 MST, 2x HDMI 2.0 1x DVI, 1x 3G-SDI Optional: integrated Nexxis MNA-240 network adapter	DVI-I (HDMI support), RGBS / YPbPr, S-video, Composite video, 3G-SDI, DisplayPort (1.1a) Optional: integrated Nexxis MNA-120 network adapter	2x DP 1.1, 1x DP 1.2 MST, 2x HDMI 2.0 1x DVI, 1x 3G-SDI Optional: 2x FO SFP+ module for 4K-UHD Nexxis link	DVI Dual Link, DVI Single Link, DP1.2 Optional: Nexxis MNA-240 decoder, 2x Single Link DVI Dual Splitter	2x DP 1.1, 1x DP 1.2 MST, 2x HDMI 2.0 1x DVI, 1x 3G-SDI Optional: integrated Nexxis MNA-240 network adapter
Video output signal	SDI / S-video / Composite Video, RGBS / YPbPr	DVI-D / S-video / Composite video / 3G-SDI	DVI / S-video / 3G-SDI / Composite	DVI-D / 2x 3G-SDI / S-video / Composite	DVI / SDI / S-video / Composite	DVI (UHD downscaled) 3G-SDI (input loop-through)	DVI / SDI / S-video / Composite	DVI (UHD downscaled) 3G-SDI (input loop-through)	n/a	DVI (UHD downscaled) 3G-SDI (input loop-through)
Medical device regulations	FDA & EC: Endoscopic and Surgical imaging (Class I)	FDA & EC: Endoscopic and Surgical imaging (Class I)	FDA & EC: Endoscopic and Surgical imaging (Class I)	FDA & EC: Endoscopic and Surgical imaging (Class I)	FDA & EC: Endoscopic and Surgical imaging (Class I)	FDA & EC: Endoscopic and Surgical imaging (Class I)	FDA & EC: Endoscopic and Surgical imaging (Class I)	FDA & EC: Endoscopic and Surgical imaging (Class I)	FDA & EC: Endoscopic and Surgical imaging (Class I)	FDA & EC: Endoscopic and Surgical imaging (Class I)
Package includes:	• AMM 215WTD display • 18-month all-inclusive warranty	• MDSC display • 3-year all-inclusive warranty	• MDSC display • 3-year all-inclusive warranty	• MDSC display • 3-year all-inclusive warranty	• MDSC display • 3-year all-inclusive warranty	• MDSC display • 3-year all-inclusive warranty	• MDSC display • 3-year all-inclusive warranty	• MDSC display • 3-year all-inclusive warranty	• MDSC display • 2-year all-inclusive warranty	• MDSC display • 3-year all-inclusive warranty
Options	• Ask about our different model options and associated accessories • Core+ warranty	• Ask about our different model options and associated accessories • Core+ warranty	• Ask about our different model options and associated accessories • Core+ warranty	• Ask about our different model options and associated accessories • Core+ warranty	• Ask about our different model options and associated accessories • Core+ warranty	• Ask about our different model options and associated accessories • Core+ warranty	• Ask about our different model options and associated accessories • Core+ warranty	• Ask about our different model options and associated accessories • Core+ warranty	• Ask about our different model options and associated accessories • Core+ warranty	• Ask about our different model options and associated accessories • Core+ warranty

SMART DISPLAYS AND USER INTERFACES



SPECIFICATIONS	MDRC-2222, Option TS	MDRC-1219, Option TS	AMM 215WTTP	MUIP-2112
Warranty	3 years	3 years	18 months	2 years
Active screen size	476 x 268 mm (18.7" x 10.5")	376 x 301 mm (14.8" x 11.8")	476 x 267 mm (18.7" x 10.5")	276 x 157 mm (10.8" x 6.2")
Screen technology	TFT Color LCD IPS	IPS-TFT Color LCD	TFT AM LCD	TFT AM LCD
Diagonal size	21.5" (546 mm)	19" (482 mm)	21.5" (545 mm)	12.5" (317 mm)
Aspect ratio	16:9	5:4	16:9	16:9
Native resolution	2MP (1920 x 1080)	1MP (1280 x 1024)	2MP (1920 x 1080)	2MP (1920 x 1080)
Luminance	300 cd/m ²	330 cd/m ²	250 cd/m ²	400 cd/m ²
Contrast ratio	1000:1	1000:1	1000:1	1000:1
Screen protection	Protective, non-reflec- tive glass cover	N/A	N/A	Anti Glare (Gloss 50)
Cleanability	N/A	N/A	N/A	IP54 (with sealed con- nector cover)
Video input signals	DisplayPort, DVI-I	DVI, DisplayPort	DVI-D, VGA	N/A
Medical device regulations	FDA & EC: Viewing of medical radiology images (Class I)	FDA & EC: Viewing of medical radiology images (Class I)	FDA & EC: Endoscopic and Surgical imaging (Class I)	Medical device, class 1

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Technical specifications are subject to change without prior notice. Please check www.barco.com for the latest specifications. The latest version of this brochure can be found on www.barco.com. All projector specs mentioned in this brochure are in accordance with ISO 21118 standards.