






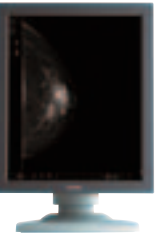
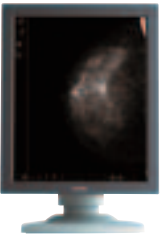



DIAGNOSTIC

	MDCC-2121	MDNC-3121	MDCC-6130	MDNG-2121	E-3620
					
SPECIFICATIONS	<b>Coronis Color 2MP</b>	<b>Nio Color 3MP</b>	<b>Coronis Fusion 6MP DL</b>	<b>Nio 2MP</b>	<b>Nio 3MP</b>
Diagonal size	21.3"	21.3"	30.4"	21.3"	20.8"
Screen technology	TFT AM-LCD Dual Domain IPS Color	TFT AM LCD IPS	TFT AM LCD IPS-Pro	TFT AM-LCD Dual Domain IPS	TFT AM-LCD Dual Domain IPS
Active screen size (H x V)	432 x 324 mm (17.0 x 12.8")	433 x 325 mm (17 x 12.8")	654.4 x 408.6 mm (25.76 x 16.09")	432 x 324 mm (17.0 x 12.8")	423.9 x 318 mm (16.7 x 12.5")
Aspect ratio	4:3	4:3	16:10	4:3	4:3
Native resolution	1,600 x 1,200	2,048 x 1,536	3,280 x 2,048	1,600 x 1,200	2,048 x 1,536
Pixel pitch	0.207 x 0.207 mm	0.2115 x 0.2115 mm	0.1995 x 0.1995 mm	0.270 x 0.270 mm	0.270 x 0.270 mm
Color / Grayscale	color	color	color	grayscale	grayscale
Viewing angle	170°	176°	178°	170°	170°
Brightness	700 cd/m <sup>2</sup>	800 cd/m <sup>2</sup>	800 cd/m <sup>2</sup>	1,650 cd/m <sup>2</sup>	1,000 cd/m <sup>2</sup>
DICOM calibrated luminance	300 cd/m <sup>2</sup>	400 cd/m <sup>2</sup>	500 cd/m <sup>2</sup>	500 cd/m <sup>2</sup>	500 cd/m <sup>2</sup>
Contrast ratio	1,100:1	750:1	800:1	850:1	900:1
Video input signals	DVI	DVI	2x DVI-D Dual-Link	DVI	DVI
Sensor technology	I-Guard front sensor	BLOS backlight sensor	I-Guard front sensor	BLOS backlight sensor	BLOS backlight sensor
Dimensions (W x H x D)	<b>With stand:</b> Landscape: 449 x 510.4 - 613 x 284.5 mm Portrait: 381 x 564.4 - 667 x 284.5 mm <b>Without stand:</b> 381 x 489 x 99 mm	<b>With stand:</b> Portrait: 382 x 530 - 589 x 250 mm Landscape: 488 x 480 - 540 x 250 mm <b>Without stand:</b> 382 x 488 x 115 mm	<b>With stand:</b> 731 x 580 - 676 x 265 mm <b>Without stand:</b> 731 x 485 x 141 mm	<b>With stand:</b> Portrait: 382 x 577.4 x 249 mm Landscape: 488 x 471.5 x 249 mm <b>Without stand:</b> 382x 488 x 114 mm	<b>With stand:</b> Portrait: 382 x 577.4 x 249 mm Landscape: 488 x 471.5 x 249 mm <b>Without stand:</b> 382 x 488 x 114 mm
Certification	UL 60601-1 1st ed., CAN/CSA-C22.2 NO. 601.1-M90, UL 60950-1 1st ed., CSA C22.2 NO. 60950-1-03 1st ed., IEC 60601-1 2nd ed.:1988 + A1:1991 + A2:1995, IEC 60950-1:2001 1st ed., CE - 89/336/EEC, CE - 93/42/EEC, DEMKO - EN 60601-1, CCC - GB9254-2008 + GB4943-2001 + GB17625.1-2003, ICES-001 level B, BSMI, KETI, VCCI, FCC class B, FDA 510k, RoHS	UL 60601-1 1st ed., CAN/CSA-C22.2 NO. 601.1-M90, IEC 60601-1 2ND ED:1988 + A1:1991 + A2:1995, IEC 60950-1:2001 2nd ed., CE - 2004/108/EC, CE - 93/42/EC, A1:2007/47/EC CLASS IIB, DEMKO - EN 60601-1, CCC - GB9254-2008 + GB4943-2001 + GB17625.1-2003, BSMI - CNS13438(95) + CNS14336(94), ICES-001 level B, KCC, VCCI, FCC class B, FDA 510, RoHS	UL 60601-1 1st ed., CAN/CSA-C22.2 NO. 601.1-M90, IEC 60601-1 2ND ED:1988 + A1:1991 + A2:1995, IEC 60950-1:2001 1st ed., CE - 89/336/EEC, CE - 93/42/EEC, DEMKO - EN 60601-1, CCC - GB9254-1998 + GB4943-2001 + GB17625.1-2003, BSMI - CNS13438(95) + CNS14336(94), VCCI, FCC class B, ICES-001 Level B, KETI (ek) Level B, BSMI, MDD class Iib, FDA 510k, RoHS	UL 60601-1 1st ed., CAN/CSA-C22.2 NO.601.1-M90, IEC 60601-1 2nd ed.: 1988 + A1:1991 + A2:1995, IEC 60950-1:2001 1st ed., CE - 2004/108/EC, CE - 93/42/EC, A1:2007/47/EC CLASS IIB, DEMKO - EN 60601-1, CCC - GB9254-2008 + B4943-2001 + GB17625.1-2003, BSMI - CNS13438(95) + CNS14336(94), KCC, FCC class B, VCCI, FDA 510k, RoHS	UL 60601-1 1st ed., CAN/CSA-C22.2 NO. 601.1-M90, UL 60950-1-03 1st ed., IEC 60601-1 2nd ed.:1988 + A1:1991 + A2:1995, IEC 60950-1:2001 1st ed., CE - 2004/108/EC, CE - 93/42/EC, A1:2007/47/EC CLASS IIB, DEMKO - EN 60601-1, DEMKO - EN 60950-1, CCC - GB9254-1998 + GB4943-2001 + GB17625.1-2003, VCCI, FCC class B, BSMI, KETI, FDA 510k, RoHS
Recommended graphics controller	MXRT-5200	MXRT-5200	MXRT-5200	MXRT-5200	MXRT-5200
Supported graphics controllers	MXRT-1150, MXRT-2150, MXRT-2100, MXRT-5100, MXRT-7100, MXRT-5200	MXRT-2100, MXRT-1150, MXRT-5100, MXRT-7100, MXRT-5200	MXRT-5100, MXRT-2100, MXRT-7100, MXRT-5200	BarcoMed PCIe, MXRT-1150, MXRT-2150, MXRT-2100, MXRT-5100, MXRT-7100, MXRT-5200	BarcoMed PCIe, MXRT-1150, MXRT-2150, MXRT-2100, MXRT-5100, MXRT-7100, MXRT-5200
MediCal QAWeb	✓	✓	✓	✓	✓
'Fusion' desktop	-	-	✓	-	-
I-Guard	✓	-	✓	-	-
Ambient Light Compensation	✓	-	✓	-	-
Uniformity Correction	✓ (ULT)	✓	✓ (ULT)	✓	✓
Protective front cover	✓	✓	✓	✓	✓
Warranty	5 years	5 years	5 years	5 years	5 years

DISPLAYS					MAMMO
MDNG-6121	MDCG-2121	MDCG-3120	MFGD-5421	MDCG-10130	MDMG-5121
					
<b>Nio 5MP</b>	<b>Coronis 2MP</b>	<b>Coronis 3MP</b>	<b>Coronis 5MP</b>	<b>Coronis Fusion 10MP</b>	<b>Coronis 5MP Mammo</b>
21.3"	21.3"	20.8"	21.3"	30"	21.3"
TFT AM-LCD Dual Domain IPS	TFT AM-LCD Dual Domain IPS	TFT AM-LCD Dual Domain IPS	TFT AM-LCD Dual Domain IPS	TFT AM-LCD IPS WideView	TFT AM-LCD Dual Domain IPS
432 x 324 mm (17.0 x 12.8")	432 x 324 mm (17.0 x 12.8")	424 x 318 mm (16.7 x 12.5")	422.4 x 378 mm (16.6 x 13.3")	645.1 x 403.2 mm (25.40 x 15.87")	422.4 x 338 mm (16.6 x 13.3")
4:3	4:3	4:3	5:4	16:10	5:4
2,800 x 2,100	1,600 x 1,200	2,048 x 1,536	2,560 x 2,048	4,096 x 2,560	2,560 x 2,048
0.154 x 0.154 mm	0.270 x 0.270 mm	0.207 x 0.207 mm	0.165 x 0.165 mm	0.158 x 0.158 mm	0.165 x 0.165 mm
grayscale	grayscale	grayscale	grayscale	grayscale	grayscale
170°	170°	170°	170°	176°	176°
1,100 cd/m <sup>2</sup>	1,650 cd/m <sup>2</sup>	1,000 cd/m <sup>2</sup>	900 cd/m <sup>2</sup>	1,250 cd/m <sup>2</sup>	1,600 cd/m <sup>2</sup>
500 cd/m <sup>2</sup>	500 cd/m <sup>2</sup>	500 cd/m <sup>2</sup>	500 cd/m <sup>2</sup>	500 cd/m <sup>2</sup>	600 cd/m <sup>2</sup>
1,000:1	850:1	900:1	800:1	800:1	900:1
DVI	DVI	DVI	DVI	2x DVI/2x DisplayPort	DVI
BLOS backlight sensor	I-Guard front sensor	I-Guard front sensor	I-Guard front sensor	I-Guard front sensor	I-Guard front sensor
<b>With stand:</b> Portrait: 382 x 577.4 x 249 mm Landscape: 488 x 471.5 x 249 mm <b>Without stand:</b> 382 x 488 x 114 mm	<b>With stand:</b> Portrait: 368,5 x 558.3 x 284.5 mm Landscape: 477 x 504 x 284.5 mm <b>Without stand:</b> 368.5 x 477 x 99.5 mm	<b>With stand:</b> Portrait: 368.5 x 558.3 x 284.5 mm Landscape: 477 x 504 x 284.5 mm <b>Without stand:</b> 368.5 x 477 x 99.5 mm	<b>With stand:</b> Portrait: 408 x 582 x 250 mm Landscape: 492.5 x 507.5 x 250 mm <b>Without stand:</b> 408 x 492.5 x 114 mm	<b>With stand:</b> 731 x 580 - 670 x 270 mm <b>Without stand:</b> 731 x 485 x 125 mm	<b>With stand:</b> Portrait: 408 x 582 x 250 mm Landscape: 492.5 x 507.5 x 250 mm <b>Without stand:</b> 408 x 492.5 x 114 mm
UL 60601-1 1st ed., CAN/CSA-C22.2 NO. 601.1-M90, IEC 60601-1 2ND ED:1988 + A1:1991 + A2:1995, IEC 60950-1:2001 1st ed., CE - 2004/108/EC, CE - 93/42/EC, A1:2007/47/EC CLASS IIB, DEMKO - EN 60601-1, CCC - GB9254-2008 + GB4943-2001 + GB17625.1-2003, BSMI - CNS13438(95) + CNS14336(94), KCC, VCCI, FCC class B, FDA 510K, RoHS	UL 60601-1 1st ed., CAN/CSA-C22.2 NO. 601.1-M90, IEC 60950-1 1st ed., CSA C22.2 NO. 60950-1-03 1st ed., IEC 60601-1 2nd ed.:1988 + A1:1991 + A2:1995, IEC 60950-1:2001 1st ed., CE - 89/336/EEC, CE - 93/42/EEC, DEMKO - EN 60601-1, CCC - GB9254-2008 + GB4943-2001 + GB17625.1-2003, KCC, VCCI, FCC class B, FDA 510K, RoHS	UL 60601-1 1st ed., CAN/CSA-C22.2 NO. 601.1-M90, UL 60950-1 1st ed., CSA C22.2 NO. 60950-1-03 1st ed., IEC 60601-1 2nd ed.:1988 + A1:1991 + A2:1995, IEC 60950-1:2001 1st ed., CE - 2004/108/EC, CE - 93/42/EC, A1:2007/47/EC CLASS IIB, DEMKO - EN 60601-1, CCC - GB9254-2008 + GB4943-2001 + GB17625.1-2003, VCCI, FCC class B, BSMI, FDA 510(k), RoHS	UL 60601-1 1st ed., CAN/CSA-C22.2 NO. 601.1-M90 IEC 60601-1 2nd ed.:1988 + A1:1991 + A2:1995, IEC 60950-1:2001 1st ed., CE - 2004/108/EC, DEMKO - EN 60601-1, CCC - GB9254-2008 + GB4943-2001 + GB17625.1-2003, KCC, VCCI, FCC class A, FDA, VCCI, RoHS	UL 60601-1 1st ed., CAN/CSA-C22.2 NO. 601.1-M90, IEC 60601-1 2nd ed.:1988 + A1:1991 + A2:1995, CE - 89/336/EEC, CE - 93/42/EEC, DEMKO - EN 60601-1, BSMI - CNS13438(95) + CNS14336(94), VCCI, FCC class B, ICES-001 Level B, MDD class IIB, FDA 510(k), RoHS	UL 60601-1 1st ed., CAN/CSA-C22.2 NO. 601.1-M90, IEC 60601-1 2nd ed.:1988 + A1:1991 + A2:1995, IEC 60950-1:2001 1st ed., CE - 2004/108/EC, CE - 93/42/EC, A1:2007/47/EC CLASS IIB, DEMKO - EN 60601-1, CCC - GB9254-2008 + GB4943-2001 + GB17625.1-2003, BSMI - CNS13438(95) + CNS14336(94), KCC, VCCI, FCC class B, FDA 510(k), RoHS
MXRT-5200	MXRT-5200	MXRT-5200	MXRT-5200	MXRT-5200	BarcoMed 5MP2FH
	BarcoMed PCIe, MXRT-1150, MXRT-2150, MXRT-2100, MXRT-7100, MXRT-5200	BarcoMed PCIe, MXRT-1150, MXRT-2150, MXRT-2100, MXRT-5100, MXRT-7100, MXRT-5200	BarcoMed PCIe	BarcoMed 5MP2FH, MXRT-7300	BarcoMed PCIe
✓	✓	✓	✓	✓	✓
-	-	-	-	✓	-
-	✓	✓	✓	✓	✓
-	✓	✓	-	✓	-
✓	✓ (ULT)	✓ (ULT)	-	✓ (ULT)	✓
✓	✓	✓	✓	✓	✓
5 years	5 years	5 years	5 years	5 years	5 years

Advanced visualization screen content courtesy of Toshiba Medical Systems Europe.

## SURGICAL DISPLAYS

				
SPECIFICATIONS	MDSC-1119	MDSC-2124	MD-4221	MFCD-1219 (TS)
Diagonal size	19"	24"	42"	19"
Screen technology	TFT AM LCD technology	TFT AM LCD	TFT LCD	TFT AM-LCD Dual Domain IPS
Active screen size (H x V)	301 x 376 mm (11.9 x 14.8")	518 x 324 mm (20.5 x 12.8")	930 x 523 mm (36.6 x 20.6")	376 x 301 mm (14.8 x 11.9")
Aspect ratio	5:4	16:10	16:9	5:4
Native resolution	1,280 x 1,024	1,920 x 1,200	1,920 x 1080	1,280 x 1,024
Pixel pitch	0.294 x 0.294 mm	0.270 x 0.270 mm	0.485 x 0.485 mm	0.294 x 0.294 mm
Color / Grayscale	color	color	color	color
Viewing angle	178°	178°	178°	178°
Brightness	280 cd/m <sup>2</sup> (full white)	400 cd/m <sup>2</sup> (full white)	500 cd/m <sup>2</sup> (full white)	220 (TS) - 270 cd/m <sup>2</sup> (typ.)
DICOM calibrated luminance	<280 cd/m <sup>2</sup> (typ.)	<400 cd/m <sup>2</sup> (typ.)	<500 cd/m <sup>2</sup> (typ.)	-
Contrast ratio	600:1	1,000:1	1,300:1	800:1
Video input signals	DVI-I, VGA (D15), RGBS (4BNC), S-video, Composite video, Component video (4BNC), DVI fiber optical input, SDI/HD-SDI (BNC) in/out (optional), DVI fiber optic input (optional), PAL, SECAM, NTSC 3.58 & 4.43, HDTV (1080i, 720p, 480i/p, 1030i)	DVI-I, VGA (D15), RGBS (4BNC), S-video, Composite video, Component video (4BNC), SDI/HD-SDI (input and active loop-through output)	DVI, VGA, S-video, Composite video, Component video, RGBHV, (HD)SDI	DVI, VGA (DB15)
Sensor technology	-	-	-	-
Dimensions (W x H x D)	<b>Without stand:</b> 429.5 x 356.4 x 78.5 mm <b>With stand:</b> 429.5 x 495 x 78.5 mm	<b>Without stand:</b> 583.5 x 393.5 x 92.6 mm <b>With stand:</b> 583.5 x 513.4 x 92.6 mm	<b>Without stand:</b> 1023.5 x 616.5 x 104.5 mm	<b>With stand:</b> 463 x 450 x 214 mm
Certification	UL 60601-1, EN60601-1, EN60601-1-2, c-UL, PSE, FCC-B, ICES-001, VCCI, CE, CCC, KETI	UL 60601-1, EN60601-1, EN60601-2, c-UL, PSE EMC, FCC-B, ICES-001, VCCI, CE, KETI, CCC, IPX2, RoHS compliant	EN60601-1, EN 60601-1-2, BSMI, UL 60601-1, c-UL, PSE, MDD93/42/EEC class I, FCC B, ICES-001, VCCI, CE, KETI	CE, UL 60950, c-UL, IEC 60950, FCC-B, ICES 003, EN 55022 limit B, CE, EN 55024
Recommended graphics controller	-	-	-	MXRT-1150, MXRT-2250
Supported graphics controllers	-	-	-	All MXRT boards
Medical QAWeb	-	-	-	✓
'Fusion' desktop	-	-	-	-
I-Guard	-	-	-	-
Ambient Light Compensation	-	-	-	-
Uniformity Correction	-	-	-	-
Protective front cover	✓	✓	✓	-
Warranty	3 years	3 years	3 years	3 years

## CLINICAL REVIEW DISPLAYS



MDRC-1119 (TS)	MDRC-2120	MDRC-2124
19"	20.1"	24.1"
TFT color LCD	TFT color LCD (IPS)	TFT color LCD
301 x 376 mm (11.9 x 14.8")	408 x 306 mm (16.1 x 12.5")	518.4 x 324 mm (20.4 x 12.8")
5:4	4:3	16:10
1,280 x 1,024	1,600 x 1,200	1,920 x 1,200
0.294 x 0.294 mm	0.255 x 0.255 mm	0.270 x 0.270 mm
color	color	color
178°	178°	178°
300 cd/m <sup>2</sup>	300 cd/m <sup>2</sup>	400 cd/m <sup>2</sup>
180 cd/m <sup>2</sup>	180 cd/m <sup>2</sup>	250 cd/m <sup>2</sup>
1,300:1	800:1	1,000:1
DVI, VGA (DB15)	DVI, VGA (DB15)	DVI-I/DP
BLOS backlight sensor	BLOS backlight sensor	BLOS backlight sensor
<b>With stand:</b> 418 x 535-425 x 223 mm	<b>With stand:</b> 455 x 536.4-426.4 x 223 mm	<b>With stand:</b> 579 x 514 - 614 x 231 mm
<b>Without stand:</b> 418 x 346 x 69.8 mm	<b>Without stand:</b> 455 x 354 x 156.5 mm	<b>Without stand:</b> 579 x 382 x 106 mm
EN 60601-1-2 (2001), EN 55011 (Class B), IEC 61000-3-2, IEC 61000-3-3, IEC 61000-4-2, IEC 61000-4-3, IEC 61000-4-4, IEC 61000-4-5, IEC 61000-4-11, IEC 61000-4-6, IEC 61000-4-8, CE, EN 60601-1 Medical Part 1, FCC B, c-ul, PSE, BSMII, VCCI, CCC, KCC, CSA c22.2No601.1, UL50501-1	EN 60601-1-2 (2001), EN 55011 (Class B), IEC 61000-3-2, IEC 61000-3-3, IEC 61000-4-2, IEC 61000-4-3, IEC 61000-4-4, IEC 61000-4-5, IEC 61000-4-11, IEC 61000-4-6, IEC 61000-4-8, CE, EN 60601-1 Medical Part 1, FCC B, c-ul, PSE, BSMII, VCCI, CCC, KCC, CSA c22.2No601.1, UL50501-1	EN 60601-1-2 (2001), EN 55011 (Class B), IEC 61000-3-2, IEC 61000-3-3, IEC 61000-4-2, IEC 61000-4-3, IEC 61000-4-4, IEC 61000-4-5, IEC 61000-4-11, IEC 61000-4-6, IEC 61000-4-8, CE, EN 60601-1 Medical Part 1, FCC B, c-ul, PSE, BSMII, VCCI, CCC, KCC, CSA c22.2No601.1, UL50501-1
All MXRT boards	All MXRT boards	
All MXRT boards	All MXRT boards	
✓	✓	✓
-	-	✓
-	-	-
-	-	-
-	-	-
optional	optional	optional
3 years	3 years	3 years

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