
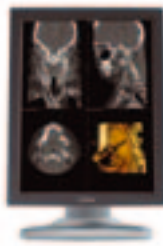


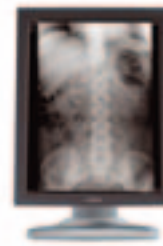



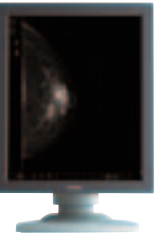

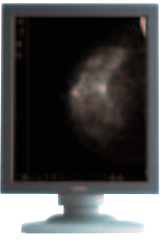



DIAGNOSTIC

| | MDCC-2121 | MDNC-3121 | MDCC-6130 | MDNG-2121 | E-3620 |
|---------------------------------|---|---|--|--|---|
| |  |  |  |  |  |
| SPECIFICATIONS | Coronis Color 2MP | Nio Color 3MP | Coronis Fusion 6MP DL | Nio 2MP | Nio 3MP |
| 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 ² | 800 cd/m ² | 800 cd/m ² | 1,650 cd/m ² | 1,000 cd/m ² |
| DICOM calibrated luminance | 300 cd/m ² | 400 cd/m ² | 500 cd/m ² | 500 cd/m ² | 500 cd/m ² |
| 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) | With stand: Landscape: 449 x 510.4 - 613 x 284.5 mm Portrait: 381 x 564.4 - 667 x 284.5 mm Without stand: 381 x 489 x 99 mm | With stand: Portrait: 382 x 530 - 589 x 250 mm Landscape: 488 x 480 - 540 x 250 mm Without stand: 382 x 488 x 115 mm | With stand: 731 x 580 - 676 x 265 mm Without stand: 731 x 485 x 141 mm | With stand: Portrait: 382 x 577.4 x 249 mm Landscape: 488 x 471.5 x 249 mm Without stand: 382x 488 x 114 mm | With stand: Portrait: 382 x 577.4 x 249 mm Landscape: 488 x 471.5 x 249 mm Without stand: 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 |
|  |  |  |  |  |  |
| Nio 5MP | Coronis 2MP | Coronis 3MP | Coronis 5MP | Coronis Fusion 10MP | Coronis 5MP Mammo |
| 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 ² | 1,650 cd/m ² | 1,000 cd/m ² | 900 cd/m ² | 1,250 cd/m ² | 1,600 cd/m ² |
| 500 cd/m ² | 500 cd/m ² | 500 cd/m ² | 500 cd/m ² | 500 cd/m ² | 600 cd/m ² |
| 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 |
| With stand: Portrait: 382 x 577.4 x 249 mm Landscape: 488 x 471.5 x 249 mm Without stand: 382 x 488 x 114 mm | With stand: Portrait: 368,5 x 558.3 x 284.5 mm Landscape: 477 x 504 x 284.5 mm Without stand: 368.5 x 477 x 99.5 mm | With stand: Portrait: 368.5 x 558.3 x 284.5 mm Landscape: 477 x 504 x 284.5 mm Without stand: 368.5 x 477 x 99.5 mm | With stand: Portrait: 408 x 582 x 250 mm Landscape: 492.5 x 507.5 x 250 mm Without stand: 408 x 492.5 x 114 mm | With stand: 731 x 580 - 670 x 270 mm Without stand: 731 x 485 x 125 mm | With stand: Portrait: 408 x 582 x 250 mm Landscape: 492.5 x 507.5 x 250 mm Without stand: 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 ² (full white) | 400 cd/m ² (full white) | 500 cd/m ² (full white) | 220 (TS) - 270 cd/m ² (typ.) |
| DICOM calibrated luminance | <280 cd/m ² (typ.) | <400 cd/m ² (typ.) | <500 cd/m ² (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) | Without stand: 429.5 x 356.4 x 78.5 mm With stand: 429.5 x 495 x 78.5 mm | Without stand: 583.5 x 393.5 x 92.6 mm With stand: 583.5 x 513.4 x 92.6 mm | Without stand: 1023.5 x 616.5 x 104.5 mm | With stand: 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 ² | 300 cd/m ² | 400 cd/m ² |
| 180 cd/m ² | 180 cd/m ² | 250 cd/m ² |
| 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 |
| With stand: 418 x 535-425 x 223 mm | With stand: 455 x 536.4-426.4 x 223 mm | With stand: 579 x 514 - 614 x 231 mm |
| Without stand: 418 x 346 x 69.8 mm | Without stand: 455 x 354 x 156.5 mm | Without stand: 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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