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## 2-megapixel medical touch monitor

The EIZO MS236WT-A offers first-class image quality with a 16:9 aspect ratio, as well as modern multi-touch operation for digital image distribution. The device ships with a preset DICOM tone curve. Hence it displays the graytones of radiological images correctly. The advantage of this is that the screen display is much better suited to clinical review than images shown on conventional computer monitors. Thanks to IPS-LCD it also offers wide viewing angles. This makes the picture clear and distinct from various directions of view. The MS236WT-A detects up to 10 touches simultaneously and permits smooth and accurate stylus input. It ignores erroneous input, such as from the ball of the hand.

- ✓ 2 megapixel colour LCD monitor with touchscreen
- ✓ Greyscale display with DICOM® tone curve
- ✓ Multi-touch operation (for example zooming, scrolling, turning, moving)
- ✓ Smooth, precise stylus input with hand ball detection
- ✓ IPS-LCD panel with wide viewing angle
- ✓ Flicker-free picture display

## Technical Data

| GENERAL   |   | FEATURES & OPERATION  |   |
|---|---|---|---|
| Item no.  | MS236WT-A   | Preset color/greyscale modes                                | 2x manual memory locations, sRGB, DICOM   |
| Case color  | Black   | DICOM tone curve  | ✓   |
| Areas of application                                  | Healthcare  | Overdrive   | ✓   |
| Product line  | RadiForce   | No flickering   | ✓   |
| EAN   | 4995047062974   | HDCP Decoder  | ✓   |
| SCREEN  |   | Automatic signal input recognition                          | ✓   |
| Screen size [in inches]                               | 23  | Built-in speakers   | ✓   |
| Screen size [in cm]                                   | 58  | On-screen menu languages                                    | de, en, fr, es, it, se  |
| Format  | 16:9  | Adjustment options  | Color Mode, Brightness, Contrast, Color temperature /White point, Gamma, Overdrive, Colour tone, Color saturation, Resolution, Scaling, Touch function On/Off, OSD language, Signal input, Volume, Key lock |
| Viewable image size (width x height) [in mm]          | 509,2 x 286,4   | Touchscreen   | ✓   |
| Resolution in MP                                      | 2 Megapixels (colour)   | Touch panel type  | Projected capacitive (PCAP)   |
| Ideal and recommended resolution                      | 1920 x 1080 (Full HD)   | Touch compatible OS   | Windows 8.1 (64-bit/32-bit), Windows 11, Windows 10   |
| Pixel pitch [in mm]                                   | 0,265 x 0,265   | Touch points  | 10  |
| Supported resolutions                                 | 1920 x 1080 (Full HD), 1680 x 1050, 1280 x 1024, 1024 x 768, 800 x 600, 720 x 400, 640 x 480                    | ELECTRICAL DATA   |   |
| Panel technology                                      | IPS   | Frequency   | Display Port: 31-68 kHz/59-61 Hz; HDMI: 31-68 kHz/59-61 Hz; D-Sub: 31-81 kHz/55-76 Hz   |
| Max. viewing angle horizontal                         | 178   | Power consumption (typical) [in watts]                      | 15  |
| Max. viewing angle vertical                           | 178   | Maximum Power Consumption [in watts]                        | 47 (at maximum brightness with all signal inputs and USB ports in use)  |
| Number of colors or greyscale                         | 16.7 million colors (D-Sub, 8 Bit), 16.7 million colors (DisplayPort, 8 Bit), 16.7 million colors (HDMI, 8 Bit) | Max. Power consumption in stand-by mode [in watts]          | 0.5   |
| Color palette/look-up table                           | 1.06 billion color tones / 10 Bit   | Power consumption with power switch off [in watts]          | 0   |
| Max. color space (typical)                            | sRGB (100%)   | Energy consumption/1000h [in kWh]                           | 17  |
| Max. brightness (typical) [in cd/m <sup>2</sup> ]     | 260   | Power supply  | AC 100-240V, 50/60Hz  |
| Max. dark room contrast (typical)                     | 1000:1  | DIMENSIONS & WEIGHT   |   |
| Response time grey-grey alternation (typical) [in ms] | 11  | Dimensions (incl. stand) (width x height x depth) [in mm]   | 556,7 x 143,9-353,9 x 216,3-401,3   |
| Max. refresh rate [in Hz]                             | 60  | Weight (incl. stand) [in kg]                                | 6.6   |
| Backlight   | LED   | Dimensions (without stand) (width x height x depth) [in mm] | 556,7 x 339,2 x 54  |
| CONNECTIONS   |   | Weight (without stand) [in kg]                              | 6   |
| Touch port  | USB   | Dimension drawing (PDF)                                     | <a href="#">Dimension drawing (PDF)</a>   |
| Signal inputs   | DisplayPort (HDCP 1.3), HDMI (HDCP 1.4), D-Sub  | Tiltability forwards/backwards [in °]                       | 15 / 70   |
| USB specification                                     | USB 5Gbps (USB 3)   | Hole spacing  | 100 x 100   |
| USB upstream ports                                    | 1 x type B  | CERTIFICATION & STANDARDS                                   |   |
| USB downstream ports                                  | 2x type A   | Operating temperature                                       | 5 - 35 °C / 20 - 80 % (R.H., non condensing)  |
| Graphic signal  | RGB Analog, DisplayPort, HDMI (RGB, YUV)  | Certification   | CE (Medical Device), CSA C22.2 Nr. 601-1, EN60601-1, IEC60601-1, RCM, FCC-B, CAN ICES-3 (B), PSE, VCCI-B, RoHS, WEEE, China RoHS, CCC, BIS, EAC   |
| Control port  | USB-Protocol  |   |   |
| Sync formats  | Separate  |   |   |
| Audio input   | 3.5 mm stereo jack, DisplayPort, HDMI   |   |   |



# RadiForce MS236WT-A

## SOFTWARE & ACCESSORIES

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|----------------------------------|--|
| <b>Other box contents</b>        | Touch pen incl. mount, USB cable (Type A - Type B), Manual via download, Power cord  |
| <b>Accessories</b>               | PM200-K (DisplayPort cable to transfer digital video and audio signals), CP200 (USB-C to DisplayPort cable), PP100-K (DisplayPort cable), TP5 (Touch panel pointers) |
| <b>Recommended graphics card</b> | MED-XN43   |

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## WARRANTY

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|-------------------------|---------|
| <b>Warranty periode</b> | 3 years |
|-------------------------|---------|

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