→ **Product Website**

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

Item no.	MS236WT-A
Case color	Black
Areas of application	Healthcare
Product line	RadiForce
EAN	4995047062974

SCREEN

Screen size [in inches]	23
Screen size [in cm]	58
Format	16:9
Viewable image size (width x height) [in mm]	509,2 x 286,4
Resolution in MP	2 Megapixels (colour)
Ideal and recommended resolution	1920 x 1080 (Full HD)
Pixel pitch [in mm]	0,265 x 0,265
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
Panel technology	IPS
Max. viewing angle horizontal	178
Max. viewing angle vertical	178
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)
Color palette/look-up table	1.06 billion color tones / 10 Bit
Max. color space (typical)	sRGB (100%)
Max. brightness (typical) [in cd/m²]	260
Max. dark room contrast (typical)	1000:1
Response time grey-grey alternation (typical) [in ms]	11
Max. refresh rate [in Hz]	60
Backlight	LED

CONNECTIONS

Touch port	USB
Signal inputs	D-Sub, DisplayPort (HDCP 1.3), HDMI (HDCP 1.4)
USB specification	USB 5Gbps (USB 3)
USB upstream ports	1 x type B
USB downstream ports	2x type A
Graphic signal	RGB Analog, DisplayPort, HDMI (RGB, YUV)
Control port	USB-Protocol
Sync formats	Separate
Audio input	3,5 mm stereo jack, DisplayPort, HDMI

FEATURES & OPERATION

Preset color/greyscale modes	2x manual memory locations, sRGB, DICOM
DICOM tone curve	✔
Overdrive	✔
No flickering	✔
HDCP Decoder	✔
Automatic signal input recognition	✔
Built-in speakers	✔
On-screen menu languages	de, en, fr, es, it, se
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
Touchscreen	✔
Touch panel type	Projected capacitive (PCAP)
Touch compatible OS	Windows 8.1 (64-bit/32-bit), Windows 11, Windows 10
Touch points	10

ELECTRICAL DATA

Frequency	Display Port: 31-68 kHz/59-61 Hz; HDMI: 31-68 kHz/59-61 Hz; D-Sub: 31-81 kHz/55-76 Hz
Power consumption (typical) [in watts]	15
Maximum Power Consumption [in watts]	47 (at maximum brightness with all signal inputs and USB ports in use)
Max. Power consumption in stand-by mode [in watts]	0.5
Power consumption with power switch off [in watts]	0
Energy consumption/1000h [in kWh]	17
Power supply	AC 100-240V, 50/60Hz

DIMENSIONS & WEIGHT

Dimensions (incl. stand) (width x height x depth) [in mm]	556,7 x 143,9-353,9 x 216,3-401,3
Weight (incl. stand) [in kg]	6.6
Dimensions (without stand) (width x height x depth) [in mm]	556,7 x 339,2 x 54
Weight (without stand) [in kg]	6
Dimension drawing (PDF)	Dimension drawing (PDF)
Tiltability forwards/backwards [in °]	15 / 70
Hole spacing	100 x 100

CERTIFICATION & STANDARDS

Operating temperature	5 - 35 °C / 20 - 80 % (R.H., non condensing)
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

www.eizo.ch

SOFTWARE & ACCESSORIES

Other box contents	Touch-Pen inkl. Halterung, USB cable (Type A - Type B), Manual via download, Power cord
Accessories	PM200-K, CP200, PP100-K, TP5
Recommended graphics card	MED-XN43

WARRANTY

Warranty periode	3 years

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