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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 ²]	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)	Dimension drawing (PDF)
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		

SOFTWARE & ACCESSORIES

Other box contents	Touch pen incl. mount, USB cable (Type A - Type B), Manual via download, Power cord
Accessories	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)
Recommended graphics card	MED-XN43

WARRANTY

Warranty periode	3 years
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