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1-megapixel medical monitor

The 19-inch MX194 with a traditional 5:4 aspect ratio stands out thanks to its factory-preset DICOM[®] characteristic curve, which guarantees faithful reproduction of radiological images in greyscale. The one megapixel screen achieves consistently stable brightness levels thanks to LED technology. The MX194 also shines in terms of colour purity and illumination thanks to the Digital Uniformity Equalizer. This allows the monitor to correctly display hues and greyscale tones of radiological images across the entire screen. That is ideal for clinical review of images from digital image distribution. In summary, the MX194 is ideally suited for referring medical specialists.

- ✓ 1.3 megapixel colour LCD monitor
- ✓ Grey tone rendering with DICOM[®] characteristic curve
- ✓ Homogenous display surface with automatic luminance distribution control (Digital Uniformity Equaliser)
- ✓ Automatic luminance control
- ✓ DisplayPort, DVI-D and D-sub inputs for digital and analogue connection
- ✓ 5-year warranty for highest investment security

Technical Data

GENERAL		CONNECTIONS	
Item no.	MX194	Signal inputs	DisplayPort (HDCP 1.3), DVI-D (HDCP 1.4), D-Sub
Case color	Black	USB specification	USB 2
Areas of application	Healthcare	USB upstream ports	1 x type B
Product line	RadiForce	Graphic signal	DVI Single Link (TMDS), RGB Analog, DisplayPort
EAN	4995047052777		
SCREEN		ELECTRICAL DATA	
Screen size [in inches]	19	Frequency	Digital: 31-64 kHz/59-61 Hz; Analog: 24,8-80 kHz/50-75 Hz
Screen size [in cm]	48,1	Power consumption (typical) [in watts]	15
Format	4:5	Maximum Power Consumption [in watts]	28 (at maximum brightness with all signal inputs and USB ports in use)
Viewable image size (width x height) [in mm]	301 x 376	Max. Power consumption in stand-by mode [in watts]	0,6
Resolution in MP	1.3 Megapixels (colour)	Power consumption with power switch off [in watts]	0
Ideal and recommended resolution	1280 x 1024	Power supply	AC 100-240V, 50/60Hz
Pixel pitch [in mm]	0,29 x 0,29		
Panel technology	VA	DIMENSIONS & WEIGHT	
Max. viewing angle horizontal	178	Dimensions (incl. stand) (width x height x depth) [in mm]	405 x 406,5-506,5 x 205
Max. viewing angle vertical	178	Weight (incl. stand) [in kg]	6
Number of colors or greyscale	1.07 billion colors (DisplayPort, 10 Bit), 16.7 million colors (D-Sub, 8 Bit), 16.7 million colors (DVI, 8 Bit)	Weight (without stand) [in kg]	4.2
Color palette/look-up table	543 billion colour tones / 13 bit	Dimension drawing (PDF)	Dimension drawing (PDF)
Max. brightness (typical) [in cd/m ²]	350	Tiltability forwards/backwards [in °]	0 / 30
Factory calibrated brightness [in cd/m ²]	180	Pivot between portrait / landscape	clockwise
Max. dark room contrast (typical)	2000:1	Height adjustment range [in mm]	100
Max. refresh rate [in Hz]	60	Hole spacing	100 x 100
Backlight	LED		
FEATURES & OPERATION		CERTIFICATION & STANDARDS	
Preset color/greyscale modes	2x manual memory locations, sRGB, Paper, DICOM	Certification	CE (Medical Device), ANSI/AAMI ES60601-1, CSA C22.2 Nr. 601-1, EN60601-1, IEC60601-1, RCM, FCC-B, CAN ICES-3 (B), VCCI-B, RoHS, WEEE, China RoHS, CCC, EAC
DICOM tone curve	✓		
Hardware calibration of brightness and light density characteristic curve	✓	SOFTWARE & ACCESSORIES	
Digital Uniformity Equalizer (homogeneity correction)	✓	Accompanying software and other accessories are available for download	RadiCS LE
Sensors	Ambient Light Sensor, Backlight Sensor	Other box contents	USB cable (Type A - Type B), Signal cable DisplayPort - DisplayPort, Power cord
On-screen menu languages	de, en, fr, es, it, se	Accessories	RadiCS (UX2-Kit) (The EIZO software is capable of complete quality management – from calibration through asset management to acceptance and constancy testing.), MED-XN43 (MED-XN43, optimal speed for 2D radiology), RadiNET Pro (EIZO software for network-based quality management in large facilities – with remote functionality for monitors)
Adjustment options	Pathology tonal value, Brightness, Color temperature /White point, Gamma, Color saturation, Resolution, Scaling, OSD language	Recommended graphics card	MED-XN43
Integrated power unit	✓		
WARRANTY			
		Warranty periode	5 years

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