



U.S. Electronics, Inc.

USE1953A-1A

1.3MP, 19" Color LCD Touch Display

- for Radiology and Imaging Applications

USE1953A-1A 1.3MP color imaging solution designed for the needs of modality applications. The 10-bit image processing controller and a variety of display technology functions offers finer and smoother grayscale image. Standard Input Interfaces (D-SUB & DVI) allow easy plug and play. A wide range of different Gamma Presets and adjustment possibilities will secure an accurate reproduction of the modality image. By removing the stand it is possible to fix the display with a VESA compatible mounting arm. The weight of only 8.2 kg and the depth of only 200 mm enable the use also in environments with limited space.



KEY FEATURES

- Size: 19" / 48.3 cm color Medical Display
- 1.3 Mega pixel, 1280x1024 High resolutions.
- Standard Input Interfaces DVI, VGA
- High Contrast of 1000:1 & Luminance 300 cd/m² max, 240 cd/m² min
- Excellent viewing angles with 170° (+/- 85°) wide viewing angle in all directions.
- Various picture controls [DICOM, Color temperature modes: cool, Natural, Warm & User]
- SAW Touch Screen with USB and RS-232 Interface
- Approvals: CE (EN60601-1, EN60601-1-2, EN60529 (IPX1), EN55011-B), UL60601-1, CSA C22.2 N601.1 part 1, FCC-B

APPLICATIONS





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Specifications & Features

LCD Panel	Technology	19" TFT Color LCD normally black Panel
	Display Area	353(w)mm x 432(h)mm
	Pixel Pitch	0.294(H)mm x 0.294(V)mm
	Contrast Ratio	1000:1 Typical
	Luminance (Max)	300 cd/m2 Max
	Viewing Angle	170(H) / 170(V)
	Response Time	20 ms
Performance	Resolution	1280(H) x 1024(V) pixels
	Color/ Grayscale	16.19 M / 10 bits
Signals	Digital	DVI 1.0
	Analog	VGA
Power	Input	Input: AC adapter 100V – 240V , +/-10%, 50/60Hz Output : 12VDC 4.2 amps
	Consumption	50W (typical) at full brightness 5W in Power save mode
	Stand	optional
Physical	Cabinet Color	white
	Weight	w/ stand : 10.5 Kgs wo/stand : 8 Kg (net weight)
	Mount	100mm x 100mm VESA standard
	DICOM	DICOM Preset Mode embedded
	Plug & play	VESA DDC2B
Features	Touch	(Ultrasound Surface Acoustic Wave Method (Saw-Touch)
	Base stand	Tilt, swivel, height and pivot four ways adjustable (<i>Optional</i>)
Safety Approval		CE (EN60601-1, EN60601-1-2, EN60529 (IPX1), EN55011-B), UL60601-1, CSA C22.2 N601.1 part 1, FCC-B
Accessories		Medical Grade Power Supply, AC Power Cable, DVI Signal cable, USB Cable, VGA Cable Users manual
	Warranty	36 Months



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Designed and Manufactured by:
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