

AK-1900M

1.3MP, 19" Monochrome Display

- for Radiology and Imaging Applications

AK-1900M 1.3MP Monochrome 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.

LED
Backlight



KEY FEATURES

- Ø Size: 19" / 48.3 cm Monochrome Medical Display
- Ø LED Back Light: Long life and durability.
- Ø 1.3 Mega pixel, 1280x1024 High resolutions.
- Ø Standard Input Interfaces DVI, VGA, Video Input Component(CVBS), S-Video
- Ø 12-Bit Gamma Correction Display.
- Ø 12-bit Color Look-up Table with True 10-Bit Processing for accurate display of original color and grayscale.
- Ø Excellent viewing angles with 178° (+/- 89°) wide viewing angle in all directions.
- Ø Various picture controls [DICOM, Color temperature modes: cool, Natural, Warm & User]

APPLICATIONS



AK-1900M

Specifications & Features

LCD Panel	Technology	19" TFT Monochrome LCD AHVA, Normally Black, Transmissive
	Backlight	LED
	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)	1300 cd/m2 Max
	Viewing Angle	178(H) / 178(V)
	Response Time	5 ms
Performance	Resolution	1280(H) x 1024(V) pixels
	Display Color	Grayscale (10 bits)
Signals	Digital	DVI 1.0
	Analog	VGA
Power	Input	Input: AC adapter 100V – 240V , +/-10%, 50/60Hz Output : 12VDC 4.2 amps 360W (typical) at full brightness
	Consumption	5W in Power save mode
Physical	Stand	optional
	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	P-Cap
	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	



Designed and Manufactured for:
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