

AlphaView®

a new way to view...



1.3^{MP}
MegaPixel

19"
Screen

Grayscale

Diagnostic

1000:1
Contrast

1500
cd/m²

DVI-D

BNC IN-OUT

High Bright

DICOM

+

Certified

3^{yr}
Warranty

AVM1TON

19", 1.3MP LCD MONITOR

for Diagnostic Applications

Medical Diagnostic LCD Monitor



AVM1T0N

LCD	19-inch, Monochrome, TFT active matrix	
MegaPixels	1.3 MegaPixels	
Resolution	640 x 480 (VGA) to 1280 x 1024 (SXGA)	
Display Area	376.3mm x 301.1mm	
Pixel Pitch	0.294mm x 0.294mm	
Luminance	1500 cd/m ² (max) 450 cd/m ² (factory calibrated)	
Contrast Ratio	1000:1	
Calibration	Factory calibrated for DICOM compliance	
Video Input Input Sync Signal	Digital: DVI-D Analog: BNC (Sync on Video, Separate), NTSC/PAL Composite, Analog VGA	
Video Output	BNC connector	
USB-hub	1 USB upstream connector, 2 USB downstream connectors	
Viewing Angle	170° (horizontal & vertical)	
Regulatory Approval	UL60601-1, FDA 510(k), CSA C22.2 N601.1, MDD/CE, FCC-B, VCCI-B	
Dimensions	Landscape:	416.33mm x 458-520mm x 220mm
	Portrait:	344mm x 496-557mm x 220mm
Tilt Stand	Tilt, Swivel, Portrait/Landscape	
Operating Environment	40° - 100° F 20 - 80% relative humidity 0 - 10,000' altitude	
Input Voltage	90 - 264V AC, 50/60Hz, 1.4A	
Power Consumption	65W (typical), (with power management feature)	
Weight with stand	Approx. 9.7 kg	
Warranty	3 Year	

The AVM1T0N is a 1.3 MegaPixel, 19", grayscale display, ideal for modalities such as CT/MR and ultrasound. It comprises high brightness, high contrast ratios and is also DICOM auto-calibrated. With super-wide viewing angles of 170°, this display is a perfect solution for primary and review applications. Supporting a multitude of input options, including: BNC, analog, composite, component, VGA and DVI-D, it can easily support more than one function in any healthcare facility.

Changes in luminance affects gamma characteristics of any display and therefore can have adverse effects on diagnostic imaging results. The AlphaView AVM1T0N display is equipped with a luminance stabilizing system that automatically compensates for luminance changes due to startup drift, temperature change, and aging.

The AVM1T0N is an ideal plug and play upgrade solution to existing CRT displays including legacy CRTs from manufacturers like Philips, GE and Siemens. The AVM1T0N ships standard with a tilt/swivel display base and is also available pre-configured (model: AVM1T1N) with a heavy duty display mount that conceals all cabling and hardware.

Contact your Quest sales representative to discuss all of the configuration and customization options.



Model AVM1T1N shown with stand.