Hisense

3 YEAR Warranty

HMD3C21S

21.3 INCH DIAGNOSIS MONITOR

Hisense clinical review displays are strictly conformed to DICOM standard, which can be widely used in clinical diagnosis, video browsing and image audit purposes.

Highlights

DICOM Part14 Standard

The DICOM-compliant display accurately represents the subtle shading of medical images, and guarantees consistant display over time in different terminals.

Wide Viewing Angle

The wide viewing angle of 178 degrees can ensure the users from different angles can obtain the same image quality without colour cast.

Eye-Protection and Energy-Saving

Continuously monitor ambient brightness and adjust screen accordingly in time to reduce visual fatigue and enhance reading experiences.

Intelligent Gamma Calibration

Hisense patented intelligent GAMMA calibration technology is suitable for reading grayscale and colour images on the same screen simultaneously, which will improve reading accuracy.

High Grayscale and Colour Processing

Using high-gray processing technology, you can obtain more smoother and precise images.

Rapid Brightness Stability Technology

Quickly reach the brightness steady state within 10s after starting up, to ensure that the doctor can quickly carry out the diagnosis work.

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Specifications

Appearance

Color	Matt tarnish
Ergonomic design	The height adjustment range is 125 mm, and the screen can be switched between the horizontal screen and the vertical screen, rotated 45 degrees left and right, and tilted 5 degrees forward and 15 degrees backward.
VESA installation pitch-row	100 x 100 (mm)
Buttons	"Touch button (LIGHT, MODE, UP (highlighted), DOWN, OK, BACK, and POWER)"

Screen

Backlight	LED
Screen size	21.3-inch
Resolution	2048 x 1536
Gray scale/color display	10 bits
Pixel pitch	0.2115 x 0.2115 mm
Brightness	1000 cd/m2 (typ)
Contrast ratio	1500:1
Response time	25 ms
Visual angle	178°, 178°

Image

DICOM PART14	Yes
Data processing and display	(14-bit LUT data processing, 10-bit gray scale and color display)
Image mode	User mode (Custom), DICOM200, DICOM250, DICOM300, DICOM350, DICOM400, DICOM450, DICOM500, DICOM600, DICOM700, and DICOM custom
Gamma curve	DICOM/CT/MRI/DSA/DR/CR/1.8/2.0/2.2/2.4/2.6 (naming)
Color temperature (non-adjustable)	6500/7500/8500/9300/specified
Brightness adjustable	0-100 stepping adjustment
Fast and stable backlight function	Support (backlight sensor)
Long-time stable backlight function	Support (backlight sensor)
Ambient light compensation	Support (ambient light sensor)
Saving energy control for body sensing	Support (human sensor)
Auto menu rotation	Support (gravity sensor)
One-click lamp box function	Support
Maximum power	< 80 W

Power supply specification

Power indicator	Green and orange
Standby power	< 1 W
Power requirement (BOM including the adapter)	Medical adapter, AC 100-240 V 50/60 Hz input, 24 V output

Input and output control

Input	DVI-D x 1, DP x 1
Output	DP daisy chain
USB	One upstream interface and two downstream interfaces
Series interface	Upstream USB interface reused
DDC communication	Support
Fixing equipment	Base

Display improvement

DICOM conformance error rate	Within 5% (allowing 3% fluctuation)

Others

Trademark on the front shell	Hisense Medical
Boot screen	Hisense Medical image
Configuration GPU	(It is uniformly produced and delivered in the packaging box, and added to the accessory details of the user manual and quick installation manual.)

LCD control Software

Local brightening function	Implemented by shortcut keys and the mouse
Quality control software	(Standalone edition)
Display control	(Brightness adjustment)
Health remind	Yes