



HMD6C30D

30 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 consistent display over time in different terminals.



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.



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.



High Grayscale and Colour Processing

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



Eye-Protection and Energy-Saving

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



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.



Specifications

Appearance

Color	Black sandblasted
Ergonomic design	The height adjustment range is 120 mm, and the screen can be rotated 90 degrees left, and tilted 5 degrees forward and 15 degrees backward.
Installation pitch-row	VESA 100 x 100 mm

Screen

Backlight	LED
Screen size	30-inch
Resolution	3280 x 2048
Color depth	10 bits
Pixel pitch	0.197 x 0.197 mm
Brightness	1300 cd/m2 (typ)
Contrast ratio	2000:1
Response time (typical value)	(13 + 15) ms
Visual angle	178°, 178°
Reliability	30,000 hours

Image

Data processing and display	(14-bit LUT data processing, 10-bit gray scale and color display)
Image mode	DICOM, CT, MRI, DR, DSA, Video, Text, Hybrid GAMMA, and User (The parameters are provided based on the image quality.)
Gamma curve	DICOM, CT, MRI, DSA, DR, Gamma 1.8, Gamma 2.0, Gamma 2.2, Gamma 2.4, and Gamma 2.6 (The parameters are provided based on the image quality.)
Color temperature (non-adjustable)	6500K/7500K/8500K/9300K/Original/Eye Care/Custom
Factory default brightness	400 nit
Brightness adjustable	200/250/300/350/400/450/500/550/600, 0-100 stepping adjustment
DICOM conformance error rate	≤ 8%
Eye care	Optimization without screen flashing
Image scanning frequency	55 Hz

Circuit

Input port	DVI-D x 2, HDMI x 1, DP x 2
Output port	DP daisy chain
USB port	One upstream port and two downstream ports
Series port	Upstream USB port reused
DDC communication	Support
Button type	Front mechanical buttons
Power supply requirement	Medical grade adapter, AC 100 V - AC 240 V, 50/60 Hz, DC 24 V 6.25 A
Max. power consumption	< 150 W
Standby power consumption	< 0.5 W
Power indicator	Green and orange

Function and software

Button definition	MENU, UP, DOWN, BACK, Display Mode, Image Mode, Film Reading Light, and Power
Fast and stable backlight function	Yes (Backlight sensor)
Long-time stable backlight function	Yes (Backlight sensor)
Ambient light compensate	Yes (Ambient light sensor)
DICOM auto calibration	Yes (Front calibration sensor), calibration error rate ≤ 10%
Saving energy control for body sensing	Yes (Human sensor)
Auto menu rotation	Not supported
One-click lamp box function	Yes (One-click to open the virtual lightbox, full-screen lightbox and half-screen lightbox), support for software lightboxes
Boot screen	Hisense Medical image

Accessory

Film viewer holder	x1
Power adapter	x1
Power cable	x1
USB cable	DP - DP x 2 (3 m long)
Graphics card	x1 (It is uniformly produced and delivered in the packaging box, and added to the accessory details of the user manual and quick installation manual.)
DVD-ROM	x1 (The User Guide and LCD monitor control software are included.)
Quick installation guide	x1
Gasket	Yes
Packaging (paper)	Yes

Others

Trademark on the front shell	Hisense Medical
Authentication	CCC, CE, FDA
Product storage	365 days