



SEAMLESS VIEWING FOR SMARTER DIAGNOSTICS

21.3 inch* 2MP* High-Precision Diagnostic Image Display

MD22CA



From image acquisition to diagnosis – one display that does it all.

The MD22CA is a 21.3-inch medical-grade monitor with a resolution of 1600×1200, delivering clear, detailed imaging for diagnostic use.

It supports both color and grayscale image display—grayscale follows the DICOM Part 14 standard, and color uses a standard Gamma curve—enabling accurate visualization of different imaging modalities on one screen. Ideal for DR, CT, MRI, and 3D post-processing, enhancing workflow efficiency and supports confident diagnosis across departments.

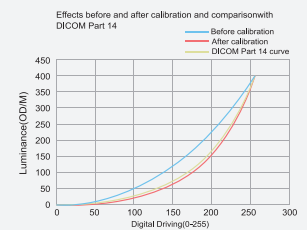
One-touch Lightbox Mode

Instantly switch to a high-brightness white screen for film viewing—no external lightbox required.



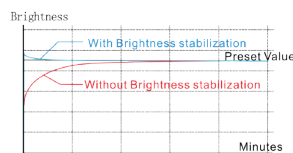
DICOM-QC Auto Calibration

Automatic DICOM curve detection and real-time adjustment to meets DICOM Part 14 standards within $\pm 5\%$ deviation.



CBS Luminance Stabilization

Innovative CBS system automatically compensates for brightness degradation, ensuring long-term image stability and diagnostic precision.



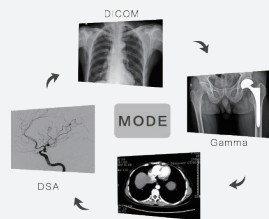
Color to Monochrome Mode

Adapt display settings for clinical review or image acquisition with a single click—supporting both grayscale and color images.



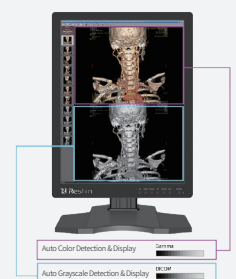
Multiple Display Modes

Supports DICOM grayscale for various medical devices and color gamma for multiple applications, allowing doctors to customize viewing preferences.



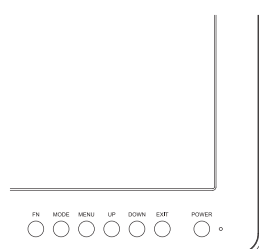
Color & Grayscale Adaptation

Intelligent image processing ensures optimal display: Grayscale images are automatically corrected via DICOM for enhanced depth and clarity; Color images are auto-adjusted using GAMMA calibration for more realistic visuals.

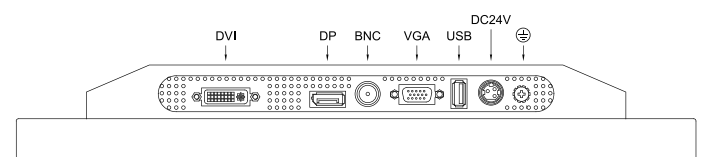


User-Friendly Control Panel and Wide Range of Connectors

Multiple input options for flexible integration with various systems.



FN	From color to monochrome
MODE	Switch to gamma mode
MENU	Menu key/ Key lock(Long press)
UP	Hotkey to choose up/ Adjust contrast ratio
DOWN	Hotkey to choose down/ Adjust brightness
EXIT	Exit/ Auto adjustment (VGA)/ Film viewer
POWER	Power switch



Specifications

21.3 " 2MP Diagnostic Monitor -- MD22CA

PICTURE PERFORMANCE

Active Screen Size	21.3 inches(54.102 cm)
Pixel Pitch (H x V)	0.270mm x 0.270mm
Resolution (H x V)	1600×1200
Color Depth	10 Bit
Aspect Ratio	4:3
Backlight	LED
Panel Technology	TFT
Luminance (Panel Specification)	500 cd/m ² (default)
Contrast Ratio	1800:1
Colors Approx	1.07 billion colors
Response Time	16ms (TYP)
Viewing Angle (Panel Specification)	178° V. / 178° H.
GAMMA	CRT,DSI,DSA,CT(MRI),RX1,RX2,DICOM350,DICOM400, DICOM450,DICOM500,DICOM600, LINEAR, GAMMA1.8,GAMMA2.0,GAMMA2.2,GAMMA2.4

INPUT

VGA INPUT	VGA connector (x1)
DP INPUT	DP connector (x1)
DVI INPUT	DVI-D connector (x1)
BNC INPUT	BNC connector (x1), Compatible SOG
USB INPUT	USB connector (x1)

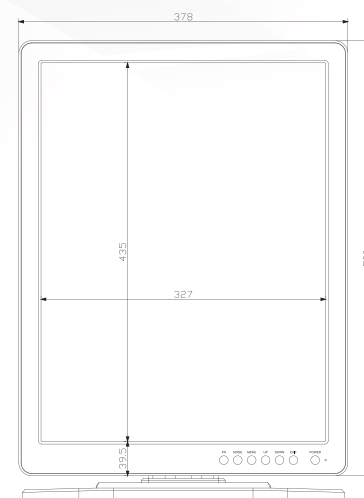
OUTPUT

OUTPUT	N/A
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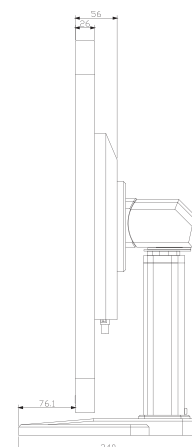
GENERAL

Power Requirements	DC 24V 5A
Power Consumption	50W (MAX)
Operating Temperature	0°C~40°C
Operating Humidity	10% to 80% (no condensation allowed)
Storage/Transport Temperature	-20°C~50°C
Storage/Transport Humidity	10% to 90% (no condensation allowed)
Dimensions (without Stand)	378(W)x500(H)x56(D)mm
Weight (without Stand)	5.4±0.5KG
Weight	8.0±0.5KG
Mounting	VESA 100x100mm
Structural Appearance	Black Metal Shell
Application	DR/CR/CT/MRI/PACS Diagnostic Workstation
Supplied Accessories	LCD display (x1), Certificate (x1), Warranty card (x1), Power Adapter (x1), Power Cable (x1), Packing list (x1), DVI cable (x1), VGA cable(x1), Graphics card(x1) DVI to VGA Adapter(x1)

FRONT



SIDE



BACK

