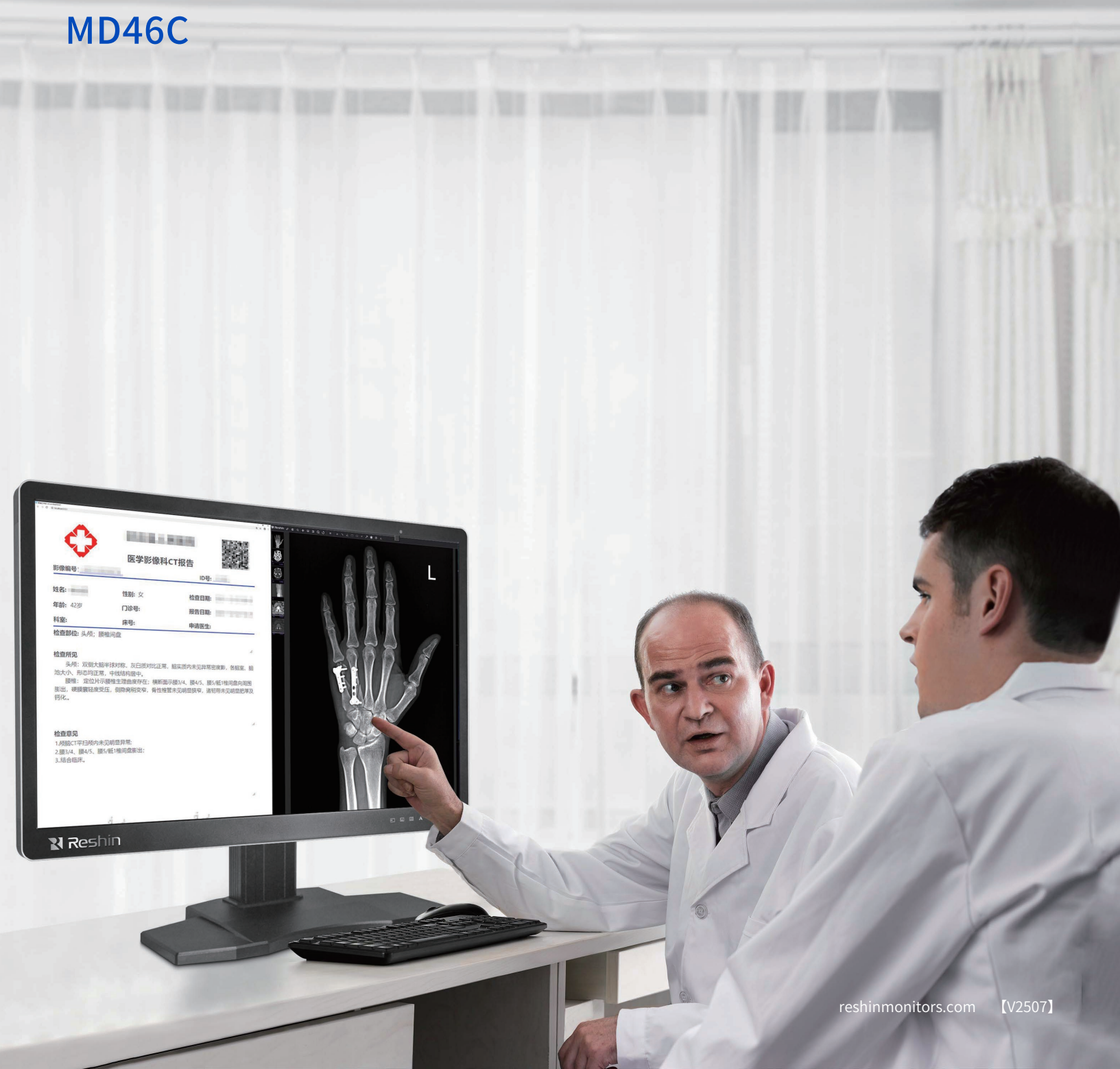




YOUR TRUSTED CLINICAL REVIEW AT THE IMAGING WORKFLOW

4MP 27inch* Superior Clinical View Monitor

MD46C



Precision Imaging for Accurate Diagnostics and Analysis

The MD46C is a 27-inch 4MP medical display that shows both color and grayscale images on one screen, meeting DICOM Part 14 standards for accurate diagnosis.

It supports dual split-screen viewing with independent gamma and color temperature adjustment, allowing doctors to review images and write reports simultaneously. Combining diagnostic imaging with office functions, it's ideal for radiology and medical imaging, providing accurate and reliable image comparisons.

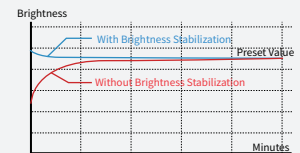
Dual Screen Independent Display

Allows simultaneous image viewing and reporting on one monitor, reducing neck strain and saving desk space.



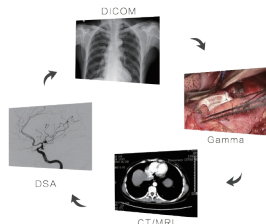
CBS Luminance Stabilization

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



Multiple Display Modes

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



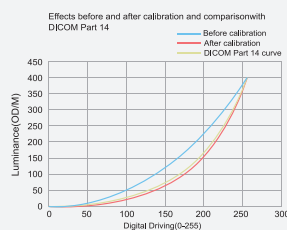
Ambient Light Compensation

Automatically adjusts screen brightness based on surrounding light to meet DICOM standards, improve diagnostic accuracy, and reduce eye strain.



DICOM-QC Auto Calibration

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



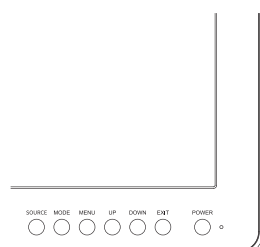
Multi-channel Independent Display

Simultaneously shows color and grayscale images with independent calibration for each input, ensuring clear, accurate side-by-side viewing.

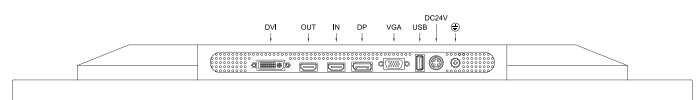


User-Friendly Control Panel and Wide Range of Connectors

The MD46C combines an intuitive interface with comprehensive I/O ports for seamless connectivity with PACS and imaging systems.



- Source** One-touch single/ Dual screen switch
- Mode** Hotkey to switch 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/ Film viewer
- Power** Power switch



Specifications

27 " 4MP Diagnostic Monitor --MD46C

PICTURE PERFORMANCE

Active Screen Size	27inches(68.58cm)
Pixel Pitch (H x V)	0.2331mm x 0.2331mm
Resolution (H x V)	2560×1440
Color Depth	12 Bit
Aspect Ratio	16:9
Backlight	LED
Panel Technology	TFT
Luminance (Panel Specification)	350 cd/m ² (default)
Contrast Ratio	1000:1
Colors Approx	68.7 million colors
Response Time	16ms (TYP)
Viewing Angle (Panel Specification)	178° V. / 178° H.
GAMMA	GAMMA1.8 , GAMMA2.0,GAMMA2.2 ,GAMMA2.4 , RX1 , RX2, CRT , DSA , DSI , CTMRI , DICOM200 ,DICOM250, DICOM300, DICOM350, DICOM400 , LINEAR

INPUT

VGA INPUT	VGA connector (x1)
DVI-D INPUT	DVI-D connector (x1)
HDMI INPUT	HDMI connector (x1); HDMI1.4
DP INPUT	DP connector (x1); DP1.4
USB INPUT	USB connector (x1)

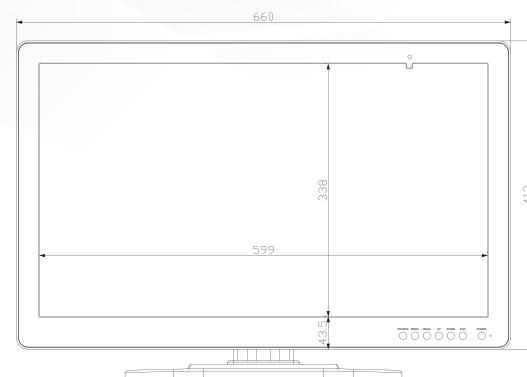
OUTPUT

HDMI OUTPUT	HDMI connector (x1)
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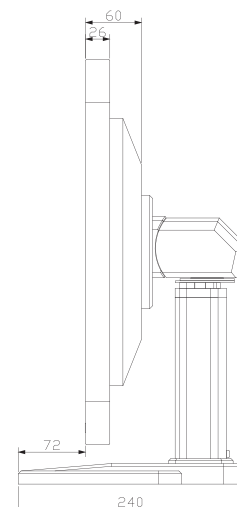
GENERAL

Power Requirements	DC 24V 5A
Power Consumption	60W (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)	660(W)x412(H)x60(D)mm
Weight (without Stand)	7.6±0.5Kg
Weight	10.8±0.5KG
Mounting	VESA 100x100mm
Structural Appearance	Black Metal Shell
Application	CT/ MRI / PACS Diagnosis Workstation
Supplied Accessories	LCD display (x1), Certificate (x1), Warranty card (x1), Power Cable (x1), Power Adapter (x1), DP cable (x1), DVI cable (x1), Packing list (x1), Graphics Card (x1)

FRONT



SIDE



TOP

