YOUR TRUSTED CLINICAL REVIEW AT THE IMAGING WORKFLOW

4MP 30inch* Superior Clinical View Monitor

MD45C

医学影像科CT报告

性别：女
门诊号：
床号：

ID号：
检查日期：
报告日期：
申请医生：

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Precision Imaging for Accurate Diagnostics and Analysis

The MD45C is a 30-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.
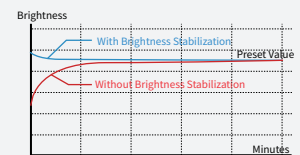
Dual Screen Independent Display

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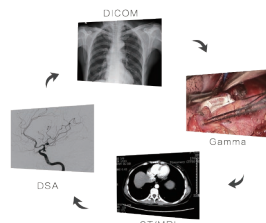
CBS Luminance Stabilization

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

Brightness
With Brightness Stabilization
Preset Value
Without Brightness Stabilization
Minutes

Multiple Display Modes

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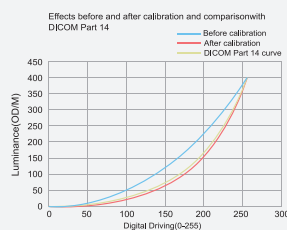
DICOM
Gamma
CT/MRI
DSA

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 meets DICOM Part 14 standards within ±5% deviation.

Effects before and after calibration and comparisonwith DICOM Part 14
Before calibration
After calibration
DICOM Part 14 curve
Luminance(OD/M)
450
400
350
300
250
200
150
100
50
0
0   50   100   150   200   250   300
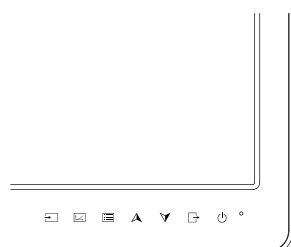Digital Driving(0~255)

Multi-channel Independent Display

Simultaneously shows color and grayscale images with independent calibration for each input, ensuring clear, accurate side-by-side viewing.
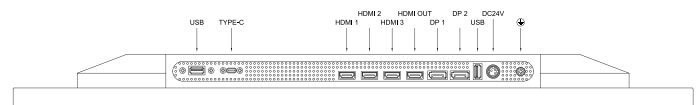
User-Friendly Control Panel and Wide Range of Connectors

The MD45C combines an intuitive interface with comprehensive I/O ports for seamless connectivity with PACS and imaging systems.

- One key single/ Dual screen
- Hotkey to switch gamma mode
- Menu key/ Key lock(Long press)
- Hotkey to choose up/ Adjust contrast ratio
- Hotkey to choose down/ Adjust brightness
- Exit/ Film viewer
- Power switch

USB   TYPE-C   HDMI 1   HDMI 2   HDMI 3   HDMI OUT   DP 1   DP 2   USB   DC24V

Specifications

30 " 4MP Diagnostic Monitor --MD45C	
PICTURE PERFORMANCE	
Active Screen Size	30 inches(76.20cm)
Pixel Pitch (H x V)	0.2505mm x 0.2505mm
Resolution (H x V)	2560×1600
Color Depth	12 Bit
Aspect Ratio	16:10
Backlight	LED
Panel Technology	TFT
Luminance (Panel Specification)	200 cd/m² (default)
Contrast Ratio	1000:1
Colors Approx	68.7 billion colors
Response Time	14ms (TYP)
Viewing Angle (Panel Specification)	178° V. / 178° H.
GAMMA	GAMMA1.8, GAMMA2.0, GAMMA2.2, GAMMA2.4, RX1, RX2, CRT, DSA, DSI, CT(MRI), DICOM350, DICOM400, DICOM450, DICOM500, DICOM600, LINEAR

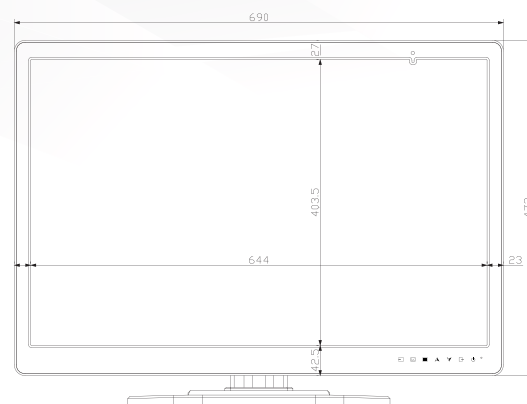| **INPUT**	
HDMI INPUT	HDMI connector (x3); HDMI2.0
DP INPUT	DP connector (x2); DP1.4
TYPE-C INPUT	TYPE-C connector (x1)
USB INPUT	USB connector (x2)

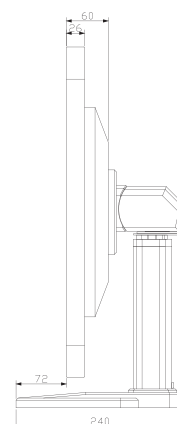| **OUTPUT**	
HDMI OUTPUT	HDMI connector (x1); HDMI2.0

GENERAL	
Power Requirements	DC 24V 5A
Power Consumption	40W (MAX)
Operating Temperature	0℃~40℃
Operating Humidity	10% to 80% (no condensation allowed)
Storage/Transport Temperature	-20℃~50℃
Storage/Transport Humidity	10% to 90% (no condensation allowed)
Dimensions (without Stand)	690(W)x473(H)x60(D)mm
Weight (without Stand)	9.5±0.5Kg
Weight	12.8±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), HDMI cable (x1), Packing list (x1), Graphics Card (x1)

FRONT

SIDE

BACK