



# ADVANCE DIAGNOSTIC PERFORMANCE WITH HIGH-PRECISION DUAL IMAGING

3MP 21.3inch\* High-Precision Diagnostic Monitor

MD32C

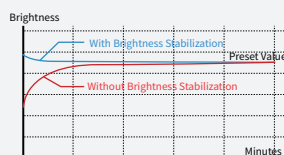


# Accurate color. Precise diagnosis.

The MD32C is a 21.3-inch medical-grade display with a 3MP (1536×2048) resolution. It features a high-brightness color panel designed for diagnostic accuracy and reliability, delivering sharp and detailed images for clinical applications. With integrated support for both DICOM-compliant grayscale and gamma-based color imaging, the MD32C allows clinicians to view multiple image types on a single screen — from DR, CT, and MRI to 3D reconstructions and PACS diagnostic reviews. Its dual-mode imaging capability streamlines radiology workflows and meets the diagnostic requirements of multi-disciplinary departments.

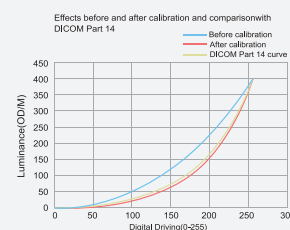
## CBS Luminance Stabilization

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



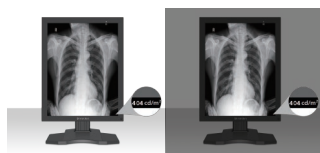
## DICOM-QC Auto Calibration

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



## Ambient Light Compensation

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



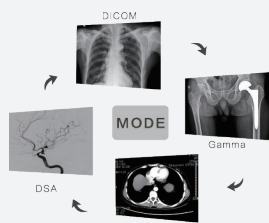
## Color&Monochrome Modes

Easily switch between color and DICOM-compliant monochrome modes to suit diagnostic, clinical, or 3D imaging needs.



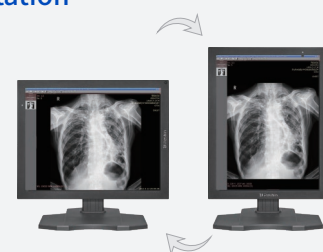
## Multiple Display Modes

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



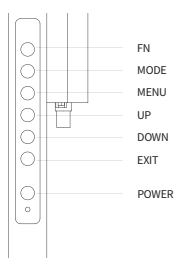
## Auto Portrait/Landscape Rotation

Built-in G-sensor enables automatic screen orientation when rotating between portrait and landscape modes.

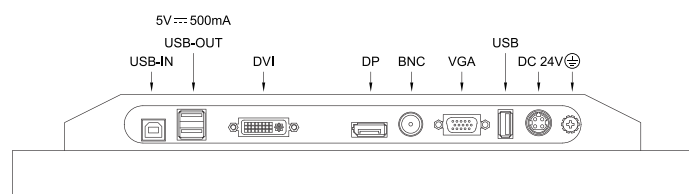


## User-Friendly Control Panel and Wide Range of Connectors

Multiple input options for flexible integration with various systems.



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



## Specifications

### 21.3 " 3MP Diagnostic Monitor --MD32C

#### PICTURE PERFORMANCE

Active Screen Size	21.3 inches(54.61cm)
Pixel Pitch (H x V)	0.2115mm×0.2115mm
Resolution (H x V)	1536×2048
Color Depth	12 Bit
Aspect Ratio	3:4
Backlight	LED
Panel Technology	TFT
Luminance (Panel Specification)	500 cd/m <sup>2</sup> (default)
Contrast Ratio	1800:1
Colors Approx	68.7 billion colors
Response Time	25ms (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

DVI-D INPUT	DVI-D connector (x1)
DP INPUT	DP connector (x1) ; DP1.4
VGA INPUT	VGA connector (x1)
BNC INPUT	BNC connector (x1), compatible SOG
USB INPUT	USB-IN connector (x1),USB connector(x1)

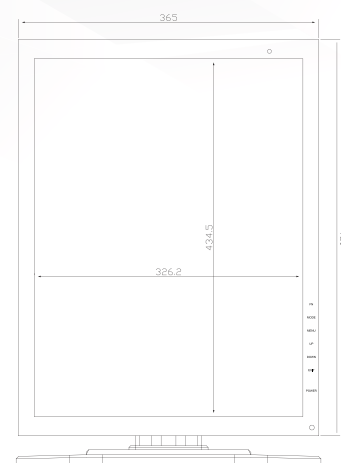
#### OUTPUT

USB-OUT OUTPUT	USB-OUT connector (x1)
----------------	------------------------

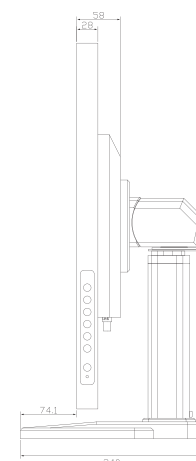
#### GENERAL

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)	365(W)x481(H)x58(D)mm
Weight (without Stand)	6.5±0.5Kg
Weight	9.06±0.5KG
Mounting	VESA 100x100mm
Structural Appearance	Black Metal Shell
Application	CT/ MRI/ DR/ PACS Diagnosis Workstation
Supplied Accessories	LCD display (x1), Certificate (x1), Warranty card (x1), Power Cable (x1), Power Adapter (x1), DVI cable (x1), VGA cable (x1), Packing list (x1), Graphics Card (x1), DVI to VGA adapter (x1)

#### FRONT



#### SIDE



#### BACK

