



# HIGH-PRECISION DIAGNOSTIC DISPLAY OPTIMIZED FOR DICOM IMAGING

3MP 21.3inch\* High-Precision Diagnostic Monitor

MD33G



# Advanced Calibration for Accurate DR, CT, and MRI Imaging.

The MD33G is a 21.3-inch, 3MP grayscale diagnostic display with a resolution of 1536×2048. Featuring a high-quality IPS Pro panel, it delivers outstanding brightness uniformity and image stability, tailored for precise medical image interpretation.

Built on over a decade of Reshin's expertise in professional display technology, the MD33G incorporates advanced image calibration to optimize original data and ensure accurate, true-to-life visualization. It is ideal for diagnostic imaging applications such as DR, CT, and MRI.

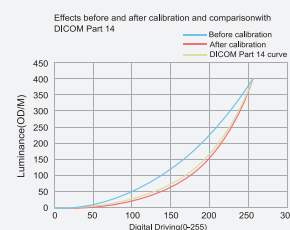
## Auto Portrait/Landscape Rotation

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



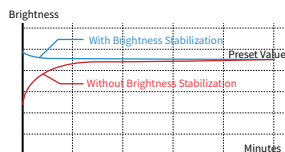
## DICOM Auto Calibration

Built-in DICOM-QC system automatically detects and adjusts the grayscale curve to meet DICOM Part 14 standards within  $\pm 5\%$  deviation.



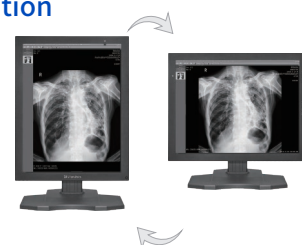
## CBS Luminance Stabilization

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



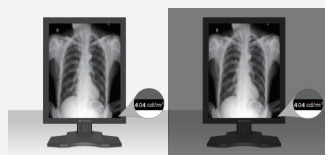
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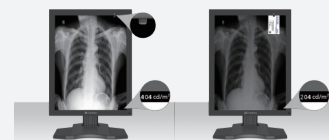
## Ambient Light Compensation

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



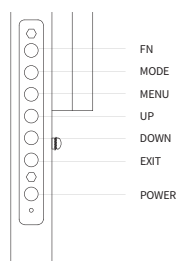
## Proprietary PACS-QC System for Real-Time Brightness Assurance

Continuously tracks and displays current luminance in the OSD menu, keeping brightness within diagnostic standards for worry-free accuracy.

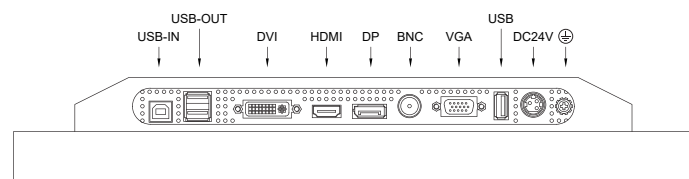


## User-Friendly Control Panel and Wide Range of Connectors

Multiple input options for flexible integration with various systems.



<b>FN</b>	Hotkey to choose signal
<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 / Film viewer
<b>POWER</b>	Power switch



## Specifications

### 21.3 " 3MP Diagnostic Monitor --MD33G

#### PICTURE PERFORMANCE

Active Screen Size	21.3 inches(54.102cm)
Pixel Pitch (H x V)	0.2115mm×0.2115mm
Resolution (H x V)	2048×1536
Grayscale Depth	12bit
Aspect Ratio	4:3
Backlight	LED
Panel Technology	TFT
Luminance (Panel Specification)	500 cd/m <sup>2</sup> (default)
Contrast Ratio	1500:1
Response Time	15ms (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

VGA INPUT	VGA connector (x1)
DP INPUT	DP connector (x1); DP1.4
DVI INPUT	DVI-D connector (x1)
HDMI INPUT	HDMI connector (x1); HDMI1.4
BNC INPUT	BNC connector (x1), compatible SOG
USB INPUT	USB-IN connector(x1),USB connector (x1)

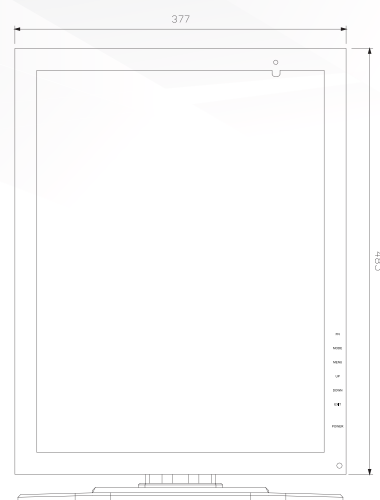
#### OUTPUT

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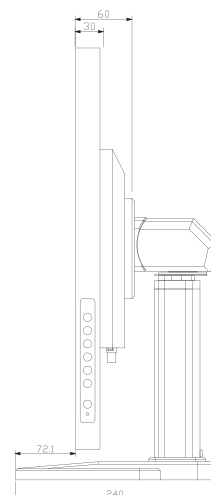
#### GENERAL

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)	377(W)x485(H)x60(D)mm
Weight (without Stand)	6.6±0.5KG
Weight	9.3±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

