

# MD-Series LCD Monitor 27" | 24"



## Clinical Review Displays Geared Toward Safety, Comfort



The MD-Series displays, with a wide viewing angle, are designed to accommodate sharing by multiple users and bring comfort to healthcare professionals at work. Their installation flexibility even in compact, hectic surroundings makes it a core component of shared workspaces in medical environments such as receptions, nurses' carts, charting stations and pharmacies.



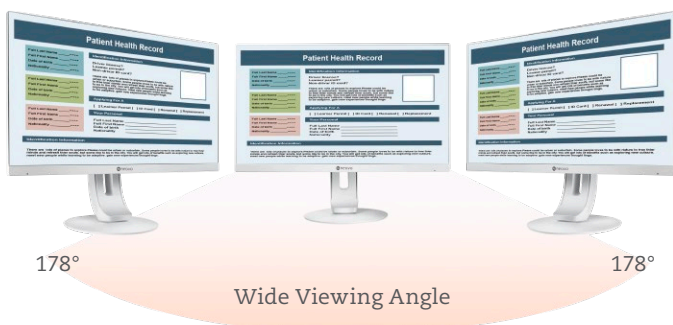


### Ergonomic Design

A versatile stand also marks the MD-Series. Healthcare professionals can enjoy both comfort and convenience while making use of one of these displays: tilting, pivoting, or swivelling it, adjusting its height, or shifting to either portrait or landscape mode as warranted.

### Medical-Grade Safety Certification

The MD-Series adopts a specially designed low-voltage medical-grade power supply to ensure safety, performance, and reliability—three key requirements for any professional medical environment. Compliance with the IEC/EN60601-1 standard ensures their safe and reliable performance in any medical setting.



### Wide Viewing Angle and Image Clarity

The MD-Series offers a wide (178°) viewing angle and adjustable aspect ratios for different images, and deliver remarkably crisp images of precise colours and consistent brightness regardless of viewing angles. All this contributes to the benefit that doctors and patients can share information and conduct a discussion while viewing a display together.

## Features

- Full HD 1920 x 1080 resolution
- IPS & VA Panel technologies offer high colour accuracy and wide viewing angles
  - Crisp 20,000,000:1 dynamic contrast ratio
- 3-sided narrow bezel design for seamless multi-display setups
- EN60601-1 and IEC60601-1 medical certification
- White exterior design for easy contaminant detection
- Image Enhancer: 3D Deinterlace / Noise Reduction
- Dual inputs: HDMI and VGA
- HDMI inputs for Full HD connectivity with a variety of devices
- Flicker-free display technology reduces eye discomfort
- Selectable aspect ratio
- Built-in speakers
- VESA mounting for flexible installation in healthcare settings
- Height adjustable stand allows users to tilt, pivot and swivel



## Specifications

### MD-27

### MD-24

|                      |                            |   |  |
|----------------------|----------------------------|---|--|
| Panel                | Panel Type                 | LED-Backlit TFT LCD (VA Technology)   | LED-Backlit TFT LCD (IPS Technology)   |
|                      | Panel Size                 | 27.0"   | 23.8"  |
| Frequency (H/V)      | Max. Resolution            | FHD 1920 x 1080   | FHD 1920 x 1080  |
|                      | Pixel Pitch                | 0.311 mm  | 0.275 mm   |
|                      | Brightness                 | 300 cd/m <sup>2</sup>   | 250 cd/m <sup>2</sup>  |
|                      | Contrast Ratio             | 20,000,000:1 (DCR)  | 20,000,000:1 (DCR)   |
|                      | Viewing Angle (H/V)        | 178°/178°   | 178°/178°  |
|                      | Display Colour             | 16.7M   | 16.7M  |
|                      | Response Time              | 5 ms  | 5 ms   |
| Input                | H Freq.                    | 30 kHz-85 kHz   | 30 kHz-85 kHz  |
|                      | V Freq.                    | 45 Hz-76 Hz   | 45 Hz-76 Hz  |
| Audio                | Audio In                   | 1.4 x 1   | 1.4 x 1  |
|                      | Internal Speakers          | 15-Pin D-Sub x 1  | 15-Pin D-Sub x 1   |
| Power                | Audio In                   | Stereo Audio Jack (3.5 mm)  | Stereo Audio Jack (3.5 mm)   |
|                      | Internal Speakers          | 2W x 2  | 2W x 2   |
|                      | Power Supply               | External  | External   |
|                      | Power Requirement          | DC 12V, 2.5A  | DC 12V, 2.5A   |
| Operating Conditions | On Mode                    | 25W (On)  | 22W (On)   |
|                      | Stand-by Mode              | < 0.5W  | < 0.5W   |
|                      | Off Mode                   | < 0.5W  | < 0.5W   |
| Storage Conditions   | Temperature                | 0°C-40°C (32°F-104°F)   | 0°C-40°C (32°F-104°F)  |
|                      | Humidity                   | 10%-85% (non-condensing)  | 10%-85% (non-condensing)   |
| Mounting             | Temperature                | -25°C-55°C (-13°F-131°F)  | -25°C-55°C (-13°F-131°F)   |
|                      | Humidity                   | 5%-93% (non-condensing)   | 5%-93% (non-condensing)  |
| Stand                | VESA FPMPMI                | Yes (100 x 100 mm)  | Yes (100 x 100 mm)   |
|                      | Tilt                       | -5° to 23°  | -5° to 23°   |
|                      | Pivot                      | -2.5° to 92.5°  | -2.5° to 92.5°   |
|                      | Swivel                     | ± 70°   | ± 70°  |
| Security             | Height Adjustment          | 0-110 mm  | 0-110 mm   |
|                      | Kensington Security Slot   | Yes   | Yes  |
| Dimensions           | w/Base (W x H x D)         | 611.9 x 518.7 x 249.0 mm (24.1" x 20.4" x 9.8")   | 540.6 x 498.6 x 249.0 mm (21.3" x 19.6" x 9.8")  |
|                      | Packaging (W x H x D)      | 715.0 x 450.0 x 305.0 mm (28.1" x 17.7" x 12.0")  | 632.0 x 417.0 x 282.0 mm (24.9" x 16.4" x 11.1")   |
| Weight               | w/Base                     | 6.6 kg (14.5 lb)  | 5.7 kg (12.5 lb)   |
|                      | Packaging                  | 8.9 kg (19.6 lb)  | 7.8 kg (17.1 lb)   |
| Regulation Approval  | Certification & Compliance | FCC, CE, IEC/EN 60601-1, MDD, WEEE, RoHS, REACH, EAC  | FCC, CE, IEC/EN60601-1, MDD, WEEE, RoHS, REACH, EAC  |
| Accessories          | Supplied                   | Power Adaptor, Power Cord, VGA Cable, Audio Cable, Quick Start Guide, Warranty Card   | Power Adaptor, Power Cord, VGA Cable, Audio Cable, Quick Start Guide, Warranty Card  |
| Optional Accessories |                            | Wall Mount: PMK-01<br>Desk Mount: DMC-01<br>Ceiling Mount (Landscape only): CMP-01 + WMK-03<br>Wall Mounts (Landscape only): WMA-01, WMK-01, WMK-03 | Wall Mount: PMK-01<br>Desk Mounts: DMC-01, DMC-02D, DMS-01D, DMS-01Q, ES-02<br>Ceiling Mount (Landscape only): CMP-01 + WMK-03<br>Wall Mounts (Landscape only): WMA-01, WMK-01, WMK-03 |

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**EMEA Regional Headquarters**

Capelle a/d IJssel, The Netherlands

**North & South America Regional Headquarters**

San Jose, CA, U.S.A.

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