

MX-2402 24" CLINICAL REVIEW MEDICAL MONITORS

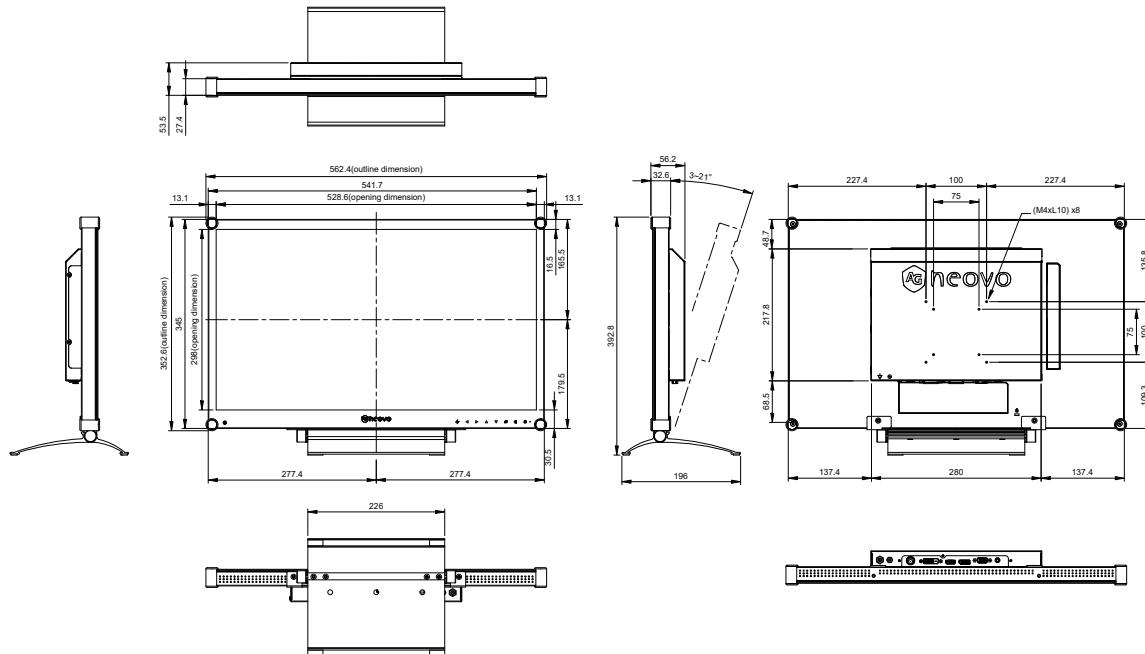
FEATURES



- Full HD 1920 x 1080 resolution
- Anti-Burn-in™ technology prevents image ghosting
- NeoV™ Optical Glass and metal housing for excellent cleanability and protection
- Crisp 20,000,000:1 dynamic contrast ratio
- Compliance with DICOM Part 14 with calibrated greyscale and brightness
- Certified with IEC/EN 60601-1 and IEC/EN 60601-1-2
- Sturdy IK10-rated metal casing for impact resistance in healthcare settings
- Front side IP65 certified for indoor use in medical work environments
- Versatile connectivity: DisplayPort, HDMI, DVI, VGA
- EcoSmart Sensor automatically adjusts brightness level according to ambient lighting conditions
- Wide temperature range for consistent performance in varying conditions
- Black-level adjustment for presenting more details in dark images
- VESA mounting for flexible installation in healthcare settings

The MX-2402 is designed for durability in healthcare settings, featuring an impact-resistant IK10-rated metal casing and IP65 certification for dust and water protection. It ensures reliable performance in various conditions with its wide temperature range. Compliant with medical electrical equipment standards, including IEC/EN 60601-1 and IEC/EN 60601-1-2, and equipped with a medical-grade low-voltage power supply, the MX-2402 offers Full HD resolution, DICOM Part 14 compliance, and excellent image quality for 24/7 operation in demanding medical environments.

TECHNICAL DRAWING



SPECIFICATIONS

Panel

| | |
|---------------------|--|
| Panel Type | LED-Backlit TFT LCD (VA Technology) |
| Panel Size | 23.8" |
| Max. Resolution | FHD 1920 x 1080 |
| Pixel Pitch | 0.275 mm |
| Brightness | 300 cd/m ² |
| Contrast Ratio | 20,000,000:1 (DCR) |
| Viewing Angle (H/V) | 178°/178° |
| Display Colour | 16.7M |
| Response Time | 5 ms |
| Surface Treatment | Anti-Glare Treatment (Haze 25%), 3H Hard Coating |



Frequency

| | |
|---------------|---------------|
| Frequency (H) | 24 kHz-83 kHz |
| Frequency (V) | 50 Hz-75 Hz |

Signal Input

| | |
|-------------|------------------|
| DisplayPort | x 1 |
| HDMI | 1.4 x 1 |
| DVI | 24-Pin DVI-D |
| VGA | 15-Pin D-Sub x 1 |

Audio

| | |
|-------------------|----------------------------|
| Audio In | Stereo Audio Jack (3.5 mm) |
| Internal Speakers | 2W x 2 |

Power

| | |
|--------------------|--------------|
| Power Supply | External |
| Power Requirements | DC 12V, 2.5A |
| On Mode | 18W (On) |
| Stand-by Mode | < 0.5W |
| Off Mode | < 0.3W |

Glass

| | |
|-------------------|----------------|
| Thickness | 3.0 mm (0.12") |
| Reflection Rate | < 1% |
| Transmission Rate | > 97% |
| MOHS Hardness | 6 |
| Pencil Hardness | 9H |
| IK Rating | IK07 |

Durability and Protection

| | |
|-----------|---------------------|
| IP rating | IP65 (Front) |
| IK rating | IK10 (Metal casing) |

Operating Conditions

| | |
|-------------|--------------------------|
| Temperature | -5°C-45°C (23°F-113°F) |
| Humidity | 10%-90% (non-condensing) |

Storage Conditions

| | |
|-------------|-------------------------|
| Temperature | -20°C-60°C (-4°F-140°F) |
| Humidity | 5%-95% (non-condensing) |

Mounting

| | |
|-------------|---------------------------------|
| VESA FPMPMI | Yes (100 x 100 mm & 75 x 75 mm) |
|-------------|---------------------------------|

Stand

| | |
|------|-----------|
| Tilt | 3° to 21° |
|------|-----------|

Security

| | |
|--------------------------|-----|
| Kensington Security Slot | Yes |
|--------------------------|-----|

Dimensions

| | |
|-------------------------------|---|
| Product with Base (W x H x D) | 562.4 x 392.8 x 196.0 mm (22.1" x 15.4" x 7.7") |
| Product w/o Base (W x H x D) | 562.4 x 352.6 x 56.2 mm (22.1" x 13.9" x 2.2") |
| Packaging (W x H x D) | 672.0 x 517.0 x 249.0 mm (26.5" x 20.4" x 9.8") |

Weight

| | |
|-------------------|-------------------|
| Product w/o Base | 6.9 kg (15.2 lb) |
| Product with Base | 7.7 kg (17.0 lb) |
| Packaging | 10.6 kg (23.4 lb) |

Regulation Approval

| | |
|------------------------------|---|
| Certifications & Compliance | CE, LVD, WEEE, RoHS, REACH, UKCA, EAC, IEC/EN 60601-1, IEC/EN 60601-1-2 |
| Power Adaptor Certifications | CE, BSMI, CCC, CB, WEEE, cUL, FCC, PSE, IEC/EN 60601-1, IEC/EN 60601-2 |

Accessories

| | |
|----------|--|
| Supplied | Power Adaptor, Power Cord, VGA Cable, Audio Cable, Quick Start Guide |
|----------|--|

Optional Accessories

| | |
|--------------------------------|---------------------------------|
| Handle | HDL-02 |
| Ceiling Mount (Landscape only) | CMP-01+WMK-03 |
| Wall Mount (Landscape only) | WMA-01, WMK-01, WMK-03, PMK-01 |
| Desk mount (Landscape only) | DMC-01, DMC-02D, DMS-01D, ES-02 |



All specifications are subject to change without prior notice.

Copyright © 2026 AG Neovo. All rights reserved.

The name AG Neovo is a trademark of AIC.

All other trademarks are the property of their respective owners.

P/C: MX2420 Version 1.2, 20260119