AG-NEOVO MX-2402

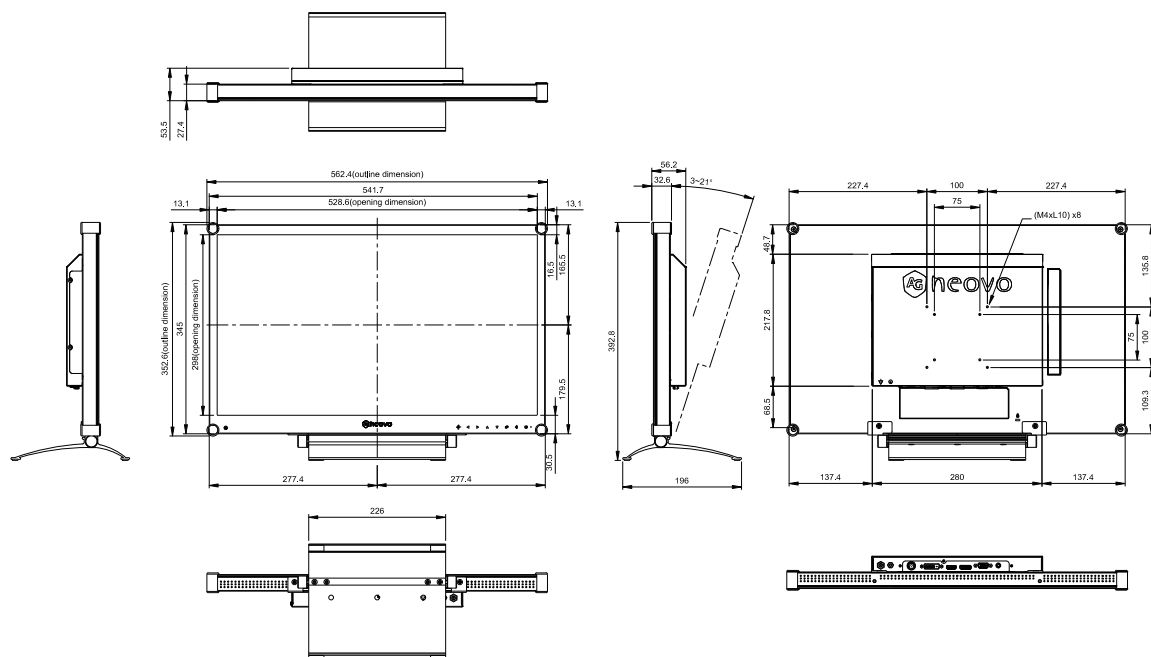## 24' Medical Display with NeoV Optical Glass

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

NeoV OPTICAL GLASS	DICOM	PIP PBP	Black Level Alignment	IEC/EN 60601-1 IEC/EN 60601-1-2	IEC/EN 60601-1 IEC/EN 60601-1-2 Power adaptor

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

WERTHSYSTEMS

Technical Data AG-NEOVO MX-2402

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/m²
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 (Haze25%), 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 (32°F-104°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, EAC, IEC/EN 60601-1, IEC/EN 60601-1-2
Power Adaptor Certifications	Adapter Technology/ATM065T-P120: CE, FCC, PSE, WEEE, BSMI, IEC/EN 60601-1, IEC/EN 60601-1-2

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