

DR-2202 22" DENTAL LCD MONITOR

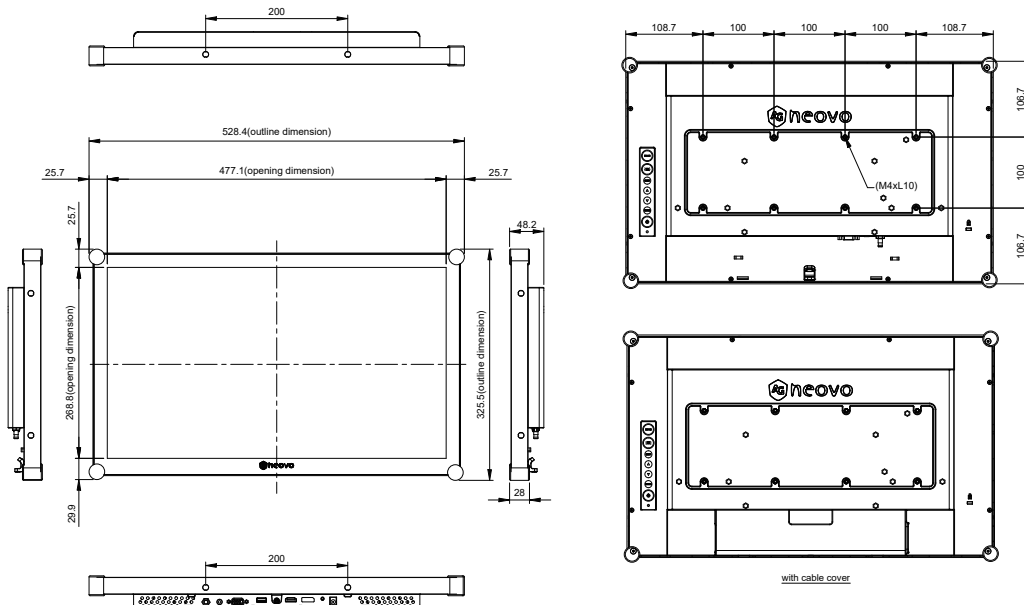
FEATURES



- **Global Safety Benchmarking:** Adherence to IEC/EN60601-1 & IEC/EN 60601-1-2 guarantees your practice is equipped with a monitor that meets international medical device safety standards.
- **Medical Standardized Imaging:** Integrated DICOM preset mode for reliably uniform grayscale and brightness, crucial for accurate medical assessments.
- **Maintenance Simplicity:** NeoV glass withstands rigorous cleaning with strong solutions, keeping your monitor spotless and hygienic with ease.
- **Tough Clinic Build:** With a front-sided IP65 rating against water and dust, our rugged design is built to handle the dynamic demands of busy dental environments.
- **Deep Color Precision:** Experience unparalleled detail in dental imaging with true 8-bit color depth, revealing the subtlest nuances in tooth structure.
- **Uniform Color Quality:** Enjoy consistent color calibration with $\Delta E \leq 2$ accuracy, essential for precise dental radiography interpretations.
- **Light Weight Design:** Our monitors adapt effortlessly to your dental chair setup, enhancing work efficiency without the bulk.
- **Universal Mounting Ease:** VESA compatibility simplifies mounting, offering secure and versatile positioning options.
- **X-ray Film Accessibility:** A dedicated shortcut for traditional X-ray films streamlines your review process, maximizing procedure efficiency.
- **All-in-One Connection Hub:** Our monitor boasts VGA, DisplayPort, and HDMI inputs, accompanied by robust dual speakers, fulfilling all multimedia requirements seamlessly.
- **Customizable Accessories:** Enhance your setup with optional handles for tailored utility.
- **Green Technology:** Embrace sustainability with our eco-friendly monitors, featuring reduced packaging waste and lightweight, durable materials.

The DR-2202 is a specialized 22-inch dental monitor designed for improved diagnostic accuracy, efficient workflow, and enhanced durability in dental settings. Adhering to IEC/EN 60601-1 and IEC/EN 60601-1-2 medical standards, it provides a safe, reliable environment. Featuring NeoV™ Optical Glass and a disinfectable white metal casing, it offers cleanliness and durability. With pre-set DICOM mode, 8-bit color depth, and $\Delta E \leq 2$ accuracy, plus an illuminator mode, it ensures superior display of digital X-rays and films. The DR-2202 enhances dentist-patient communication, fostering trust and understanding. Ideal for various dental environments, it sets new standards in practice quality and patient care.

TECHNICAL DRAWING



SPECIFICATIONS

Panel

Panel Type	LED-Backlit TFT LCD (IPS Technology)
Panel Size	21.5"
Max. Resolution	FHD 1920 x 1080
Pixel Pitch	0.248 mm
Brightness	500 cd/m ²
DICOM Brightness	300 cd/m ² (Preset)
Contrast Ratio	1000:1
Viewing Angle (H/V)	178°/178°
Display Colour	16.7M (True 8 bits)
Response Time	5 ms
Surface Treatment	Anti-Glare Treatment (Haze 25%), 3H Hard Coating

Frequency

Frequency (H)	28 kHz ~ 92 kHz
Frequency (V)	48 Hz ~ 85 Hz

Signal Input

DisplayPort	x 1
HDMI	1.4 x 1
VGA	15-Pin D-Sub x 1

Other Connectivity

USB	2.0 x 1 (Service Port)
-----	------------------------

Audio

Audio In	Stereo Audio Jack (3.5 mm)
Internal Speakers	3W x 2

Power

Power Supply	External
Power Requirements	DC 12V, 5.0A
On Mode	15W (On)
Standby Mode	< 0.5W
Off Mode	< 0.3W

Glass

Thickness	1.8 mm
Reflection Rate	< 1%
Transmission Rate	> 97%
MOHS Hardness	6
Pencil Hardness	9H
IK Rating	IK07

Operating Conditions

Temperature	0°C-40°C (32°F-104°F)
Humidity	10%-90% (non-condensing)

Storage Conditions

Temperature	-20°C to 60°C (-4°F-144°F)
Humidity	5%-95% (non-condensing)

Mounting

VESA FPMPI	Yes (100 x 100 mm & 300 x 100 mm)
------------	-----------------------------------

Security

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

Dimensions

Product w/o Base (W x H x D)	528.4 x 325.5 x 48.2 mm (20.8" x 12.8" x 1.9")
Packaging (W x H x D)	610.0 x 405.0 x 160.0 mm (24.0" x 15.9" x 6.3")

Weight

Product w/o Base	4.7 kg (10.4 lb)
Packaging	5.52 kg (12.2 lb)

Regulation Approval

Certifications & Compliance	FCC, CE, LVD, WEEE, RoHS, REACH, EAC, IEC/EN 60601-1, IEC/EN 60601-1-2, ICES 007 Issue7
Adaptor Certified logo	CE, BSMI, CCC, WEEE, cUL, FCC, PSE, EN 60601-1

Accessories

Supplied	HDMI Cable, Power Adaptor, Power Cord, Quick Start Guide
----------	--

Optional Accessories

Stand	ES-02 White
Handle	HDL-03
Wall Mount	WMA-01, WMK-01, WMK-03, PMK-01
Desk Mount	DMC-01, DMC-02D, DMS-01D, ES-02
Ceiling Mount	CMP-01 + WMK-03
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 White



All specifications are subject to change without prior notice.

Copyright © 2024 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: DR2220 Version 11, 20240925