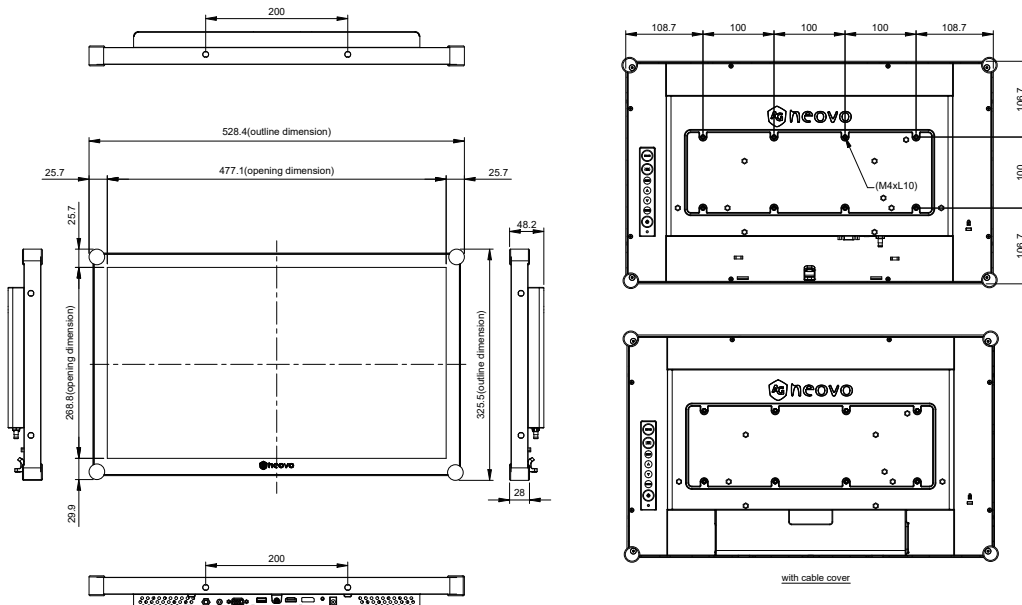# DR-2202 22″ DENTAL LCD MONITOR

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 ≤ 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.

IEC/EN 60601-1
IEC/EN 60601-1-2

IEC/EN 60601-1
IEC/EN 60601-1-2
Power adaptor

METAL CASING

Front-panel IP65

NeoV. OPTICAL GLASS

DICOM

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 ≤ 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

with cable cover

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/m²
DICOM Brightness	300 cd/m² (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)
On Mode (Max)	30W
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 FPMPMI	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	6.45 kg (14.2 lb)
Regulation Approval	
Certifications & Compliance	CE, LVD, FCC, ICES 003 Issue7, WEEE, RoHS, REACH, 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 60601-1-2
Accessories	
Supplied	HDMI Cable, Power Adaptor, Power Cord, Quick Start Guide
Optional Accessories	
Handle	HDL-03
Ceiling Mount	CMP-01 + WMK-03
Wall Mount	WMA-01, WMK-01, WMK-03, PMK-01
Desk Mount	DMC-01, DMC-02D, DMS-01D, ES-02 White