

DR-2202 22" DENTAL LCD MONITOR

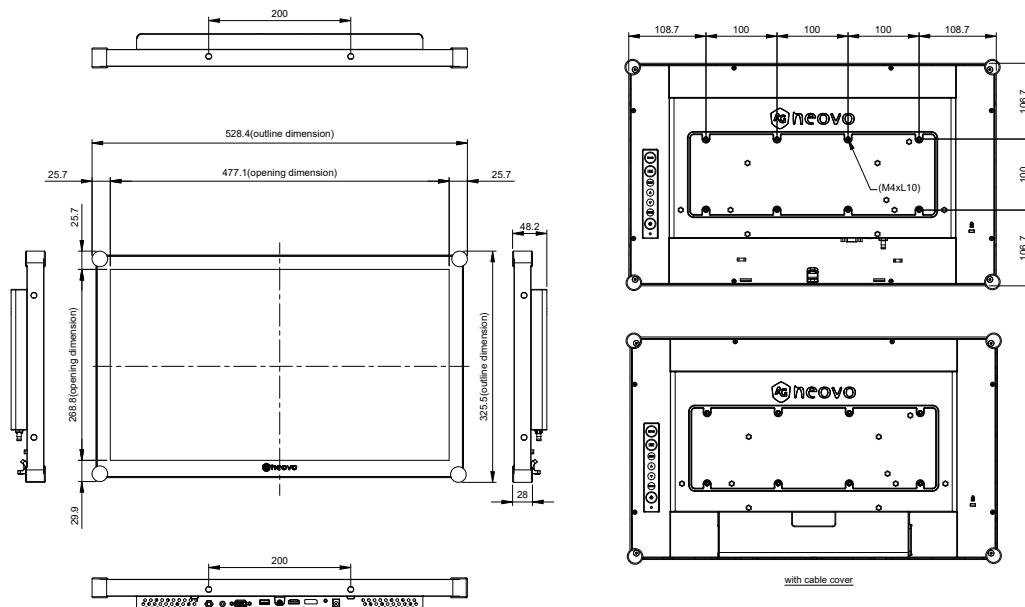
FEATURES

- **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, CB, WEEE, cUL, FCC, PSE, EN 60601-1, EN 60601-1-2 |

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.

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