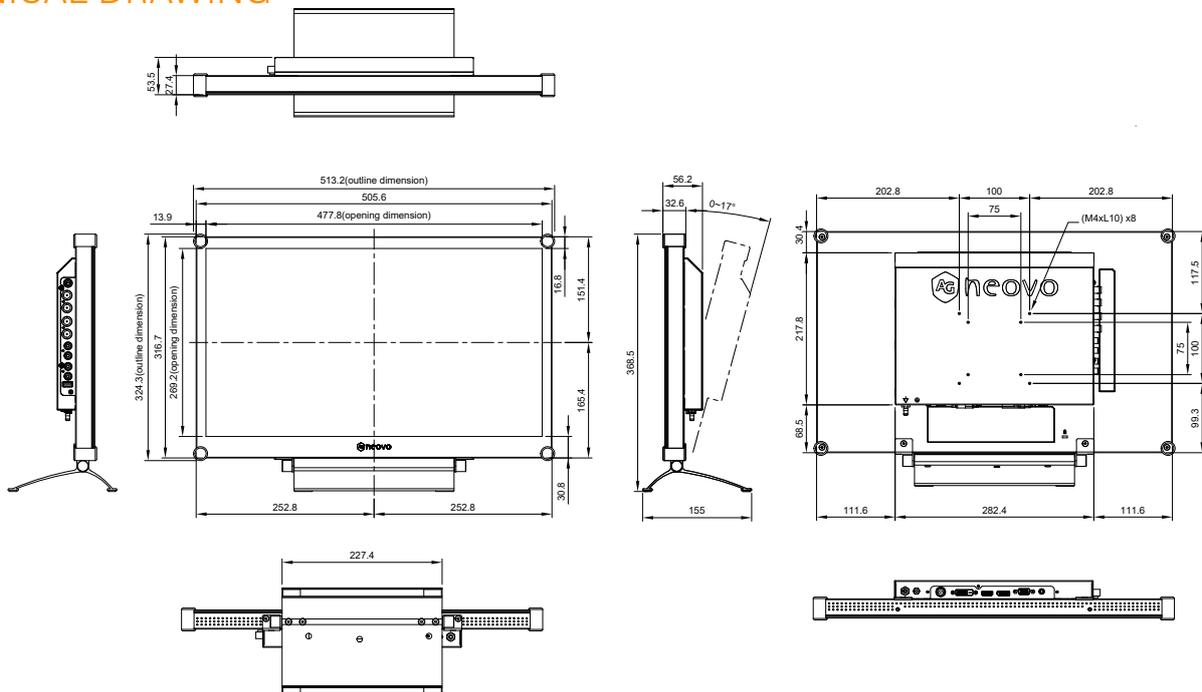# DR-22G DENTAL MONITOR

FEATURES

- LED-backlit technology with 1920 x 1080 resolutions
- NeoV™ Optical Glass and metal housing for excellent cleanability and protection
- Certified with IEC/EN 60601-1 and IEC/EN 60601-1-2
- Equipotential terminal connector
- White exterior design for easy contaminant detection
- DC 24V medical-grade power adapter allows a longer distance connection
- Illuminator mode for easy X-ray film viewing
- PiP/PbP functions enable multi-source viewing simultaneously
- Image Enhancer: Deinterlace / Noise Reduction / Image Rotation / Freeze
- Adjustable image settings via analogue inputs
- Versatile connectivity: DisplayPort, HDMI, DVI, VGA, S-Video, Composite
- EcoSmart Sensor automatically adjusts brightness level according to ambient lighting conditions
- Gamma selection and black-level adjustment
- Optional X-ray clip and handle for easy movement
- VESA mounting for flexible installation in healthcare settings

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

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

METAL CASING

DC 24V

NeoV OPTICAL GLASS

Black Level Alignment

Knowing that providing a safe environment to their patients is a dentist's primary concern; the DR-Series is certified with IEC/EN 60601-1 and IEC/EN 60601-1-2 medical electrical equipment standard, ensuring a safe and reliable power connection by equipped with medical-grade power adapter and equipotential terminal connector.

Along with NeoV™ Optical Glass and white metal casing, the display can be cleaned and disinfected with standard cleaning solutions. Besides, to accommodate the need to view X-ray films, the DR-Series features an illuminator mode, which allows dentists to diagnose without switching to other dedicated view boxes. From consultation to examination, the DR-Series is the perfect fit for any dental setting.

TECHNICAL DRAWING

SPECIFICATIONS

Panel

Panel Type	LED-Backlit TFT LCD (TN Technology)
Panel Size	21.5"
Max. Resolution	FHD 1920 x 1080
Pixel Pitch	0.248 mm
Brightness	250 cd/m²
Contrast Ratio	20,000,000:1 (DCR)
Viewing Angle (H/V)	170°/160°
Display Colour	16.7M
Response Time	3 ms

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
Composite	BNC x 2
S-Video	4-Pin mini DIN x 1

Signal Output

Composite	BNC x 2

External Control

RS232 In	2.5 mm Phone Jack

Other Connectivity

USB	2.0 x 1 (Service Port)

Audio

Audio In	Stereo Audio Jack (3.5 mm), Stereo Audio Jack (RCA)
Audio Out	Stereo Audio Jack (RCA)
Internal Speakers	2W x 2

Power

Power Supply	External
Power Requirements	DC 24V, 2.71A
On Mode	16W (On)
Standby Mode	< 0.5W
Off Mode	< 0.3W

Glass

Thickness	3.0 mm (0.12")
Reflection Rate	< 1%
Transmission Rate	> 97%
Hardness	> 9H

Operating Conditions

Temperature	0°C-40°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	0° to 17°

Security

Kensington Security Slot	Yes

Dimensions

Product with Base (W x H x D)	513.2 x 368.5 x 155.0 mm (20.2" x 14.5" x 6.1")
Product w/o Base (W x H x D)	513.2 x 324.3 x 56.2 mm (20.2" x 12.8" x 2.2")
Packaging (W x H x D)	614.0 x 477.0 x 204.0 mm (24.2" x 18.8" x 8.0")

Weight

Product with Base	6.8 kg (15.0 lb)
Product w/o Base	6.2 kg (13.7 lb)
Packaging	9.3 kg (21.0 lb)

Regulation Approval

Certifications & Compliance	CE, FCC, LVD, BSMI, WEEE, RoHS, REACH, UKCA, EAC, ICES-003 (Issue7) , IEC/EN 60601-1, IEC/EN 60601-1-2
Power Adaptor Certifications	Adapter Technology/ATM065T-P240: 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