

DR-24G DENTAL MONITOR

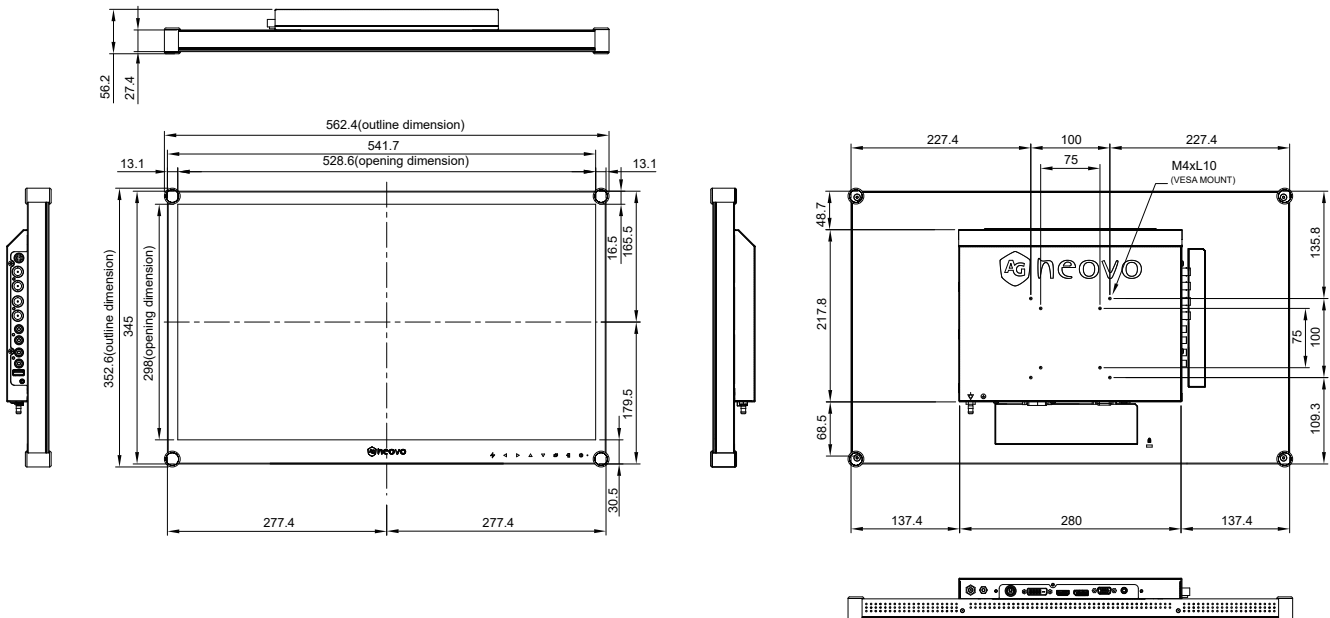
FEATURES



- Full HD 1920 x 1080 resolution
- NeoV™ Optical Glass and white metal housing for excellent cleanability and protection
- IEC/EN 60601-1 and IEC/EN 60601-2 certified
- Equipotential terminal connector
- White exterior design for easy contaminant detection
- DC 24V medical-grade power adapter allows 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, Composite, S-Video
- EcoSmart Sensor allows brightness adjustment by ambient lighting conditions
- Gamma selection and black-level adjustment
- Flicker-free display technology reduces eye discomfort
- Optional handle for easy installation
- VESA mounting for flexible installation in healthcare settings

To improve user experience, the AG Neovo DR-24G, a 24-inch dental monitor features a quick switch to X-ray illuminator mode for dental X-ray film viewing and flexible installation. The monitor is compatible with VESA mounting solution, and the optional handle allows dentists to reposition the monitor and share detailed content on the dental chair with great convenience. And its NeoV™ Optical Hard Glass Screen and white metal casing design meet an array of medical level cleaning requirements, allowing dental professionals to clean and sanitise the monitors.

TECHNICAL DRAWING



SPECIFICATIONS

Panel

Panel Type	LED-Backlit TFT LCD (VA Technology)
Panel Size	23.8"
Max. Resolution	FHD 1920 x 1080
Pixel Pitch	0.274 mm
Brightness	250 cd/m ²
Contrast Ratio	20,000,000:1 (DCR)
Viewing Angle (H/V)	178°/178°
Display Colour	16.7M
Response Time	5 ms
Surface Treatment	Seriesanti-Glare Treatment (Haze 40%), 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
Composite (CVBS)	BNC x 2
S-Video	4-Pin mini DIN x 1

Signal Output

Composite (CVBS)	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	18W (On)
Standby 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

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 FPMPI	Yes (100 x 100 mm & 75 x 75 mm)
------------	---------------------------------

Security

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

Dimensions

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	7.4kg (16.3 lb)
Packaging	10.6 kg (23.4 lb)

Regulation Approval

Certifications & Compliance	CE, LVD, FCC, ICES-003 Issue 7, UKCA, 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	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

