

DR-Series LED-backlit Display 22" | 17"



Dental Displays of Exquisite Function and Form

- NeoV™ OPTICAL GLASS
- METAL CASING
- IEC/EN 60601-1
- IP-22
- Black Level Alignment
- Gamma
- DC 24V

The DR-Series is specially designed for dental settings. Its image optimization capability allows dentists to get across patient diagnosis and treatment data more effectively, and its appealing white exterior and NeoV™ Optical Glass attests to the IEC/EN 60601-1-certified display's excellence in form as well as in function. Attractive, durable and versatile, it meets every need over the course of dental consultation and treatment.



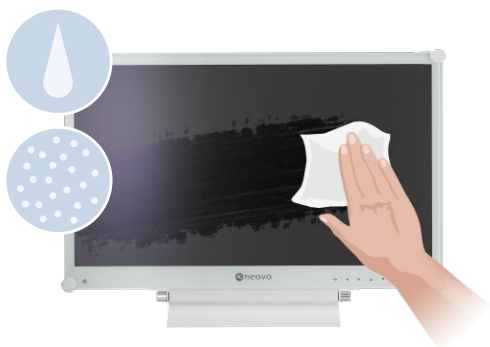


Versatility and Adaptability

The DR-Series is adaptable to fit every conceivable dental environment. Besides being mounted on the VESA mounting stand, the display can be installed with a VESA stand, on the dentist's desk or mounted on a rotatable arm with handles for easy movement. Multiple connectivity options, including HDMI and DisplayPort, are provided for connecting to different types of devices and showing video content.

Enhanced Colour Reproduction and Image Clarity

Displays with exceptionally clear images help dentists communicate more effectively with patients. With cutting-edge gamma correction, black-level alignment adjustability, and high contrast ratio, the DR-Series can capture darker details and deliver premium images, thereby enhancing treatment quality.



Easy to Clean and Reliable Design

The anti-acid and anti-alkali coating treatment of NeoV™ Optical Glass ensures that the DR-Series withstand cleaning and disinfection. Bolstered by the metal casing and equipped with DC 24V medical-grade power supply, the DR-Series is durable, safe and reliable.

Features

- LED-backlit technology with 1920 x 1080 and 1280 x 1024 resolutions
- NeoV™ Optical Glass and metal housing for excellent cleanability and protection
- Crisp 20,000,000 dynamic contrast ratio
- EN60601-1 and IEC60601-1 medical certification
- 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
- Image Enhancer: 3D Comb Filter / Deinterlace / Noise Reduction / Image Rotation / Freeze
- Front-sided IP22 Compliant (IEC 60529 Standard)
- EcoSmart Sensor automatically adjusts brightness level according to ambient lighting conditions
- Gamma selection and black-level adjustment
- Optional handle for easy movement of display
- VESA mounting for flexible installation in healthcare settings



Specifications

DR-22E

DR-17E

Panel	Panel Type	LED-Backlit TFT LCD (VA Technology)	LED-Backlit TFT LCD (TN Technology)
	Panel Size	21.5"	17.0"
	Max. Resolution	FHD 1920 x 1080	SXGA 1280 x 1024
	Pixel Pitch	0.248 mm	0.264 mm
	Brightness	250 cd/m ²	250 cd/m ²
	Contrast Ratio	20,000,000:1 (DCR)	20,000,000:1 (DCR)
	Viewing Angle (H/V)	178°/178°	170°/160°
	Display Colour	16.7M	16.7M
	Response Time	5 ms	3 ms
Frequency (H/V)	H Freq. V Freq.	24 kHz-83 kHz 50 Hz-75 Hz	24 kHz-81 kHz 50 Hz-75 Hz
Input	DisplayPort HDMI DVI VGA Composite S-Video	x 1 1.4 x 1 24-Pin DVI-D x 1 15-Pin D-Sub x 1 BNC x 2 4-Pin mini DIN x 1	x 1 1.4 x 1 24-Pin DVI-D x 1 15-Pin D-Sub x 1 BNC x 2 4-Pin mini DIN x 1
Output	Composite	BNC x 2	BNC x 2
External Control	RS232 In	2.5 mm Phone Jack	2.5 mm Phone Jack
Other Connectivity	USB	2.0 x 1 (Service Port)	2.0 x 1 (Service Port)
Audio	Audio In Audio Out Internal Speakers	Stereo Audio Jack (3.5 mm) Stereo Audio Jack (RCA) Stereo Audio Jack (RCA) 2W x 2	Stereo Audio Jack (3.5 mm) Stereo Audio Jack (RCA) Stereo Audio Jack (RCA) 2W x 2
Power	Power Supply Power Requirements On Mode Stand-by Mode Off Mode	External DC 24V, 1.5A 15W (On) < 0.7W < 0.7W	External DC 24V, 1A 14W (On) < 0.7W < 0.7W
NeoV™ Optical Glass	Thickness Reflection Rate Transmission Rate Coating Hardness	3.0 mm (0.12") < 1% > 97% > 9H	3.0 mm (0.12") < 1% > 97% > 9H
Operating Conditions	Temperature Humidity	0°C-40°C (32°F-104°F) 10%-90% (non-condensing)	0°C-40°C (32°F-104°F) 10%-90% (non-condensing)
Storage Conditions	Temperature Humidity	-20°C-60°C (-4°F-140°F) 5%-95% (non-condensing)	-20°C-60°C (-4°F-140°F) 5%-95% (non-condensing)
Mounting	VESA FPMPMI	Yes (100 x 100 mm & 75 x 75 mm)	Yes (100 x 100 mm & 75 x 75 mm)
Stand	Tilt	0° to 15°	0° to 22°
Security	Kensington Security Socket	Yes	Yes
Dimensions	w/Base (W x H x D) Packaging (W x H x D)	513.2 x 368.5 x 155.0 mm (20.2" x 14.5" x 6.1") 615.0 x 483.0 x 210.0 mm (24.2" x 19.1" x 8.3")	409.4 x 398.2 x 175.0 mm (16.1" x 15.7" x 6.9") 510.0 x 493.0 x 224.0 mm (20.0" x 19.4" x 8.8")
Weight	w/Base Packaging	6.8 kg (15.0 lb) 9.3 kg (20.5 lb)	6.1 kg (13.4 lb) 8.2 kg (18.1 lb)
Regulation Approval	Certification & Compliance	FCC, BSMI, CE, IEC/EN 60601-1, MDD, RoHS, WEEE, REACH, EAC	FCC, BSMI, CE, IEC/EN 60601-1, MDD, RoHS, WEEE, REACH, EAC
Accessories	Supplied	Power Adaptor, Power Cord, VGA Cable, Audio Cable, Quick Start Guide, Warranty Card	Power Adaptor, Power Cord, VGA Cable, Audio Cable, Quick Start Guide, Warranty Card
Optional Accessories		Wall Mount: PMK-01 Desk Mounts: DMC-01, DMC-02D, DMS-01D, DMS-01Q, ES-02 Handle: HDL-02 Ceiling Mount (Landscape only): CMP-01 + WMK-03 Wall Mounts (Landscape only): WMA-01, WMK-01, WMK-03	Wall Mount: PMK-01 Desk Mounts: DMC-01, DMC-02D, DMS-01D, DMS-01Q, ES-02 Handle: HDL-01 Ceiling Mount (Landscape only): CMP-01 + WMK-03 Wall Mounts (Landscape only): WMA-01, WMK-01, WMK-03

Global Headquarters

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EMEA Regional Headquarters

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San Jose, CA, U.S.A.

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