

DR-Series

LED-backlit Display 22" | 17"



Dental Displays of Exquisite Function and Form



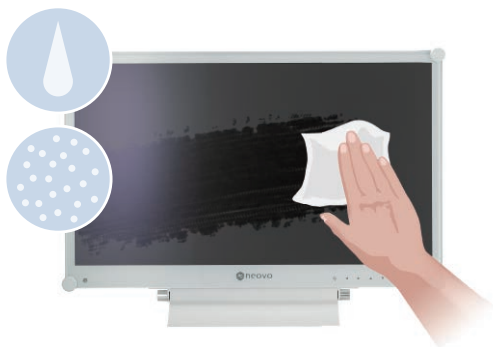
The DR-Series is specially designed for dental settings. Its image optimization capability allows dentists to get across patient diagnosis and treatment more effectively, and its appealing white exterior and NeoV™ Optical Glass attests to the EN/IEC 60601-1-certified display's excellence in form as well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





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 X-ray images, thereby enhancing treatment quality.



Energy Efficiency

Eco-friendliness sets the DR-Series apart from peers. Environmentally conscious users are rewarded with lower costs derived from power savings: its EcoSmart Sensor enables energy efficiency by means of automatically adjusting display brightness according to ambient lighting.

Features

- Compliant with EN60601-1 and IEC60601-1 medical certifications
- NeoV™ Optical Glass & metal housing for excellent cleanability and protection
- DC 24V medical-grade power adapter allows a longer distance connection
- Equipotential Terminal connector
- Illuminator mode for easy X-ray film viewing
- Black-level alignment for presenting the delicate dark details
- 3D Comb Filter/Deinterlace/Noise Reduction
- Versatile inputs: DisplayPort, HDMI, DVI, VGA, CVBS (BNC x 2), S-Video & RS-232
- Optional handle for easy movement of display
- EcoSmart Sensor allows brightness adjustment by ambient light
- VESA mount compatibility for easy arm, wall or cart mounting
- Flicker-free Backlight for eye comfort

Versatility and Adaptability

The DR-Series is adaptable enough 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.



Easy to Clean and Reliable Design

The anti-acid and anti-alkali coating treatment of NeoV™ Optical Glass help 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.





Specifications

DR-22E

DR-17E

Panel	Panel Type Panel Size Max. Resolution Pixel Pitch Brightness Contrast Ratio Viewing Angle (H/V) Display Colour Response Time	LED-Backlit TFT LCD 21.5" FHD 1920 x 1080 0.2482 mm 250 cd/m ² 3,000 : 1 178°/178° 16.7 M 5 ms	LED-Backlit TFT LCD 17.0" SXGA 1280 x 1024 0.2640 mm 250 cd/m ² 1000:1 170°/160° 16.7 M 5 ms
Frequency (H/V)	H Freq. V Freq.	15 kHz – 83 kHz 50 Hz – 85 Hz	15 kHz – 83 kHz 50 Hz – 85 Hz
Input	VGA DVI CVBS S-Video HDMI DisplayPort	15-Pin D-Sub 24-Pin DVI-D BNC x 2 4-Pin mini DIN HDMI DisplayPort 1.2a	15-Pin D-Sub 24-Pin DVI-D BNC x 2 4-Pin mini DIN HDMI DisplayPort 1.2a
Output	CVBS	BNC x 2	BNC x 2
External Control	RS 232 USB	RS 232 USB Type A (FW Update Only)	RS 232 USB Type A (FW Update Only)
Audio	Audio In Audio Out Speaker	1 x stereo audio jack for PC (3.5 mm) 2 x stereo audio for video (RCA) 2 x stereo audio for video (RCA) 2 W X 2	1 x stereo audio jack for PC (3.5 mm) 2 x stereo audio for video (RCA) 2 x stereo audio for video (RCA) 2 W X 2
Power	Power Supply Power Requirements Consumption	External DC 24 V, 1.5 A <26 W (On) <0.5 W (Standby/Off)	External DC 24 V, 1.0 A <19 W (On) <0.5 W (Standby/Off)
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% (No condensation)	0°C ~ 40°C (32°F ~ 104°F) 10%~90% (No condensation)
Storage Conditions	Temperature Humidity	-20°C ~ 60°C (-4°F ~ 140°F) 5%~95% (No condensation)	-20°C ~ 60°C (-4°F ~ 140°F) 5%~95% (No condensation)
Mounting	VESA FPM PMI	Yes (100 x 100 mm & 75 x 75 mm)	Yes (100 x 100 mm & 75 x 75 mm)
Security	Kensington Security Socket	Yes	Yes
Dimensions	w/ base (W x H x D) Packaging (W x H x D)	513.2 x 324.3 x 56.2 mm (20.2" x 14.5" x 6.1") 607.0 x 485.0 x 208.0 mm (23.9" x 19.1" x 8.2")	409.4 x 398.2 x 172.0 mm (16.1" x 15.7" x 6.8") 510.0 x 490.0 x 220.0 mm (20.1" x 19.3" x 8.7")
Weight	w/o base Packaging	6.8 kg (15.0 lb) 9.3 kg (20.5 lb)	6.1 kg (13.4 lb) 8.0 kg (17.6 lb)
Regulation Approval	Certification & Compliance	CE, EN60601-1, IEC60601-1, RoHs, WEEE, REACH	CE, EN60601-1, IEC60601-1, RoHs, WEEE, REACH
Accessories	Supplied	Power Cord, Power Adaptor, 15-Pin D-sub Cable, Audio Cable, Quick Start Guide, Warranty Card	Power Cord, Power Adaptor, 15-Pin D-sub Cable, Audio Cable, Quick Start Guide, Warranty Card
Optional Accessories		Wall Mount: Wall Mounting Arm: WMA-01 Wall Mounting Kit: WMK-01, WMK-03 Ceiling Mount: CMP-01 Desk Mount: Desk Mounting Kit: DMC-01, DMC-02D Desk Mounting Stand: DMS-01D, DMS-01Q Height Adjustable Stand: ES-02 Handle: HDL-02	Wall Mount: Wall Mounting Arm: WMA-01 Wall Mounting Kit: WMK-01, WMK-03 Ceiling Mount: CMP-01 Desk Mount: Desk Mounting Kit: DMC-01, DMC-02D Desk Mounting Stand: DMS-01D, DMS-01Q Height Adjustable Stand: ES-02 Handle: HDL-01

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