

DR-Series LCD Monitor 22" | 17"

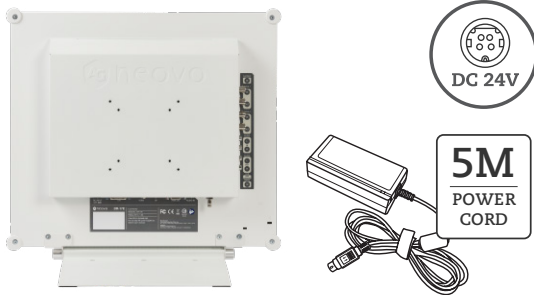


**Multi-purpose Dental
Review Displays for the
Modern Treatment Room**



Knowing that providing a safe environment to their patients is a dentist's primary concern; the DR-Series is certified with EN/IEC 60601-1, 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.





Versatility and Adaptability

The DR-Series is adaptable to fit every conceivable dental environment. Designed with DC 24V power supply, it is ideal for long-distance (up to 5 meters) cable management between dental equipment and displays. Compatible with VESA standard mounts, the display can be mounted on a rotatable arm with handles for easy movement.

Medical-Grade Safety Certification

Certified with the EN/IEC60601-1 regulation, the DR-Series ensures general safety and electronic emissions, equipped with medical-grade power adaptor and equipotential terminal connector, providing a safe and reliable power connection in the environment of dental diagnosis and treatment.



Easy X-ray Film Viewing

The DR-Series features a unique illuminator mode that allows dentists to easily view X-ray films without separately installing a dedicated illuminator—just switch in or out of illuminator mode on the on-board key pad. Both physical films and digitalized colour images are viewable on the same display, making the DR-Series an optimal solution for the dental office.

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. Coupled with front-sided IP22 compliance and white metal casing, the DR-Series is dust and water proof and easy to detect contamination for any dental use.



Features

- LED-backlit technology with 1920 x 1080 and 1280 x 1024 resolutions
- NeoV™ Optical Glass and metal housing for excellent cleanability and protection
- EN60601-1 and IEC60601-1 medical certification
- Equipotential terminal connector
- White exterior design for easy contaminant detection
- DC 24V medical-grade power adaptor 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
- 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 X-ray clip and handle for easy movement
- VESA mounting for flexible installation in healthcare settings



Specifications

DR-22G

DR-17G

Panel	Panel Type Panel Size Max. Resolution Pixel Pitch Brightness Contrast Ratio Viewing Angle (H/V) Display Colour Response Time	LED-Backlit TFT LCD (TN Technology) 21.5" FHD 1920 x 1080 0.248 mm 250 cd/m ² 20,000,000:1 (DCR) 170°/160° 16.7M 3 ms	LED-Backlit TFT LCD (TN Technology) 17.0" SXGA 1280 x 1024 0.264 mm 250 cd/m ² 20,000,000:1 (DCR) 170°/160° 16.7M 3 ms
Frequency (H/V)	H Freq. V Freq.	24 kHz-83 kHz 50 Hz-75 Hz	24 kHz-83 kHz 50 Hz-75 Hz
Input	DisplayPort HDMI DVI VGA Composite (CVBS) 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 (CVBS)	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, 2.71A 21W (On) < 0.7W < 0.7W	External DC 24V, 2.71A 17W (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 17°	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") 614.0 x 477.0 x 204.0 mm (24.2" x 18.8" x 8.0")	409.4 x 398.2 x 175.0 mm (16.1" x 15.7" x 6.9") 506.0 x 506.0 x 225.0 mm (19.9" x 19.9" x 8.9")
Weight	w/Base Packaging	6.8 kg(15.0 lb) 9.3 kg(21.0 lb)	6.1 kg (13.4 lb) 8.1 kg (17.9 lb)
Regulation Approval	Certification & Compliance	FCC, BSMI, CE, IEC / EN 60601-1, MDD, RoHS, WEEE, REACH	FCC, BSMI, CE, IEC / EN 60601-1, MDD, RoHS, WEEE, REACH
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