AG neovo

DR-Series LCD Monitor 17" | 22"

Multi-purpose Dental Review Displays for the Modern Treatment Room

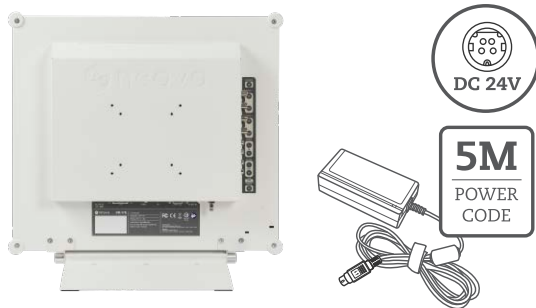NeoV. OPTICAL GLASS · METAL CASING · IEC/EN 60601-1 · Black Level Alignment · Gamma · DC 24V

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.

DC 24V

5M
POWER
CODE

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.
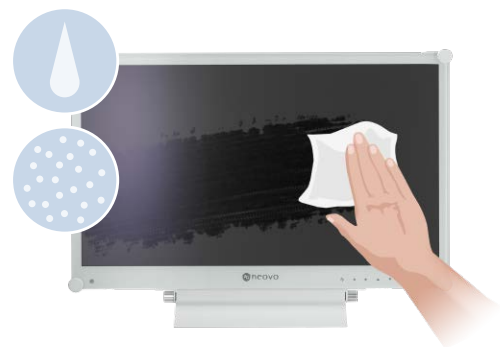
IEC/EN 60601-1
Medical-Grade Power Supply

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.

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 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

Specifications	DR-17G	DR-22G
Panel		
Panel Type	LED-Backlit TFT LCD (TN Technology)	LED-Backlit TFT LCD (TN Technology)
Panel Size	17.0"	21.5"
Max. Resolution	SXGA 1280 x 1024	FHD 1920 x 1080
Pixel Pitch	0.264 mm	0.248 mm
Brightness	250 cd/m²	250 cd/m²
Contrast Ratio	20,000,000:1 (DCR)	20,000,000:1 (DCR)
Viewing Angle (H/V)	170°/160°	170°/160°
Display Colour	16.7M	16.7M
Response Time	3 ms	3 ms
Frequency		
Frequency (H)	24 kHz-83 kHz	24 kHz-83 kHz
Frequency (V)	50 Hz-75 Hz	50 Hz-75 Hz
Signal Input		
DisplayPort	x 1	x 1
HDMI	1.4 x 1	1.4 x 1
DVI	24-Pin DVI-D	24-Pin DVI-D
VGA	15-Pin D-Sub x 1	15-Pin D-Sub x 1
Composite	BNC x 2	BNC x 2
S-Video	4-Pin mini DIN x 1	4-Pin mini DIN x 1
Signal 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	Stereo Audio Jack (3.5 mm), Stereo Audio Jack (RCA)	Stereo Audio Jack (3.5 mm), Stereo Audio Jack (RCA)
Audio Out	Stereo Audio Jack (RCA)	Stereo Audio Jack (RCA)
Internal Speakers	2W x 2	2W x 2
Power		
Power Supply	External	External
Power Requirements	DC 24V, 2.71A	DC 24V, 2.71A
On Mode	17W (On)	21W (On)
Stand-by Mode	< 0.7W	< 0.7W
Off Mode	< 0.7W	< 0.7W
Glass		
Thickness	3.0 mm (0.12")	3.0 mm (0.12")
Reflection Rate	< 1%	< 1%
Transmission Rate	> 97%	> 97%
Hardness	> 9H	> 9H
Operating Conditions		
Temperature	0°C-40°C (32°F-104°F)	0°C-40°C (32°F-104°F)
Humidity	10%-90% (non-condensing)	10%-90% (non-condensing)
Storage Conditions		
Temperature	-20°C-60°C (-4°F-140°F)	-20°C-60°C (-4°F-140°F)
Humidity	5%-95% (non-condensing)	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 22°	0° to 17°
Security		
Kensington Security Slot	Yes	Yes
Dimensions		
Product with Base (W x H x D)	409.4 x 398.2 x 175.0 mm (16.1" x 15.7" x 6.9")	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)	409.4 x 361.9 x 64.5 mm (16.1" x 14.3" x 2.5")	513.2 x 324.3 x 56.2 mm (20.2" x 12.8" x 2.2")
Packaging (W x H x D)	506.0 x 506.0 x 225.0 mm (19.9" x 19.9" x 8.9")	614.0 x 477.0 x 204.0 mm (24.2" x 18.8" x 8.0")
Weight		
Product w/o Base	5.4 kg (11.9 lb)	6.2 kg (13.7 lb)
Product with Base	6.1 kg (13.4 lb)	6.8 kg (15.0 lb)
Packaging	8.1 kg (17.9 lb)	9.3 kg (21.0 lb)
Regulation Approval		
Certifications & Compliance	FCC, BSMI, CE, IEC / EN 60601-1, EN 60601-1-2, MDD, RoHS, WEEE, REACH	FCC, BSMI, CE, IEC / EN 60601-1, EN 60601-1-2, 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		
Ceiling Mount (Landscape only)	CMP-01+WMK-03	CMP-01+WMK-03
Wall Mount (Landscape only)	WMA-01, WMK-01, WMK-03, PMK-01	WMA-01, WMK-01, WMK-03, PMK-01
Desk mount (Landscape only)	DMC-01, DMC-02D, DMS-01D, DMS-01Q, ES-02	DMC-01, DMC-02D, DMS-01D, DMS-01Q, ES-02
Handle	HDL-01	HDL-02

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