

DR-17E & DR-22E Introduction

Date: Nov. 06, 2017
Version: 1.1



A Display with Great Value for Dental Environments

The DR-Series presents precise image with great details, while NeoV™ glass featuring the easy hygiene and maintenance benefits for dental healthcare environments.

Features

DR-17E & DR-22E Overview

- EN60601-1 and IEC60601-1 medical certification
- NeoV™ Optical Glass and metal casing for easiness of hygiene and protection
- DC 24V medical grade power adaptor allows longer distance connection
- Equipotential terminal for safety standard
- Gamma correction and high contrast ratio for better colour reproduction of image
- Black-level alignment for presenting delicate detail of darkness
- Illuminator mode for easy X-ray film viewing
- VESA Mounting compliance and optional handle for easy movement of display
- Wide viewing angle for multiple users
- Versatile inputs: VGA, DVI, CVBS (BNC x 2), HDMI, S-Video, DP & RS-232
- EcoSmart Sensor and ES 7.0 panel for low watt power consumption
- EcoSmart Sensor allows brightness adjustment by ambient light
- Anti-Burn-in™ technology
- 3D Comb Filter/ Deinterlace/ Noise Reduction/ Freeze
- Rigorous screening of the components for mission-critical 24/7 applications



Special Benefits

Upgraded image clarity for revealing details

DR-17E & DR-22E supports 2.0/2.2/2.4/S gamma curve correction to satisfy the requirement of image clarity within gray scales in dental environments. A combination of excellent black levels and high contrast ratio reveals great dark matter detailing within gray scales, that creates a precise clinical image for dental treatment.



Revealing great details for dental treatment

Special Benefits

Backlight Flicker Free


Flicker free technology eliminates screen flickering and will positively elevate the comfort and eyesight by preventing the eyes from fatigue and dryness after long hours of screen-staring.




With Flicker-free Technology

Without Flicker-free Technology

DR-17E/DR-22E & DR-17P/DR-22 Comparison

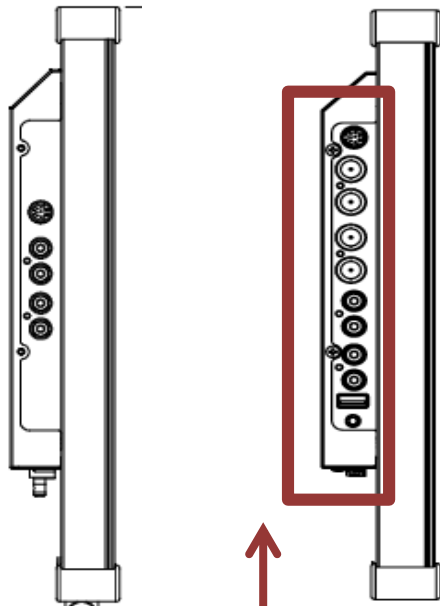
AG Neovo Dental Precision		DR-Series	
			
Applications		Dental Environment	
Model Names		DR-17P/DR-22	DR-17E/DR-22E
Panel features	Panel Type	LED-Backlit TFT LCD (TN)	DR-17E: LED-Backlit TFT LCD (TN) DR-22E: LED-Backlit TFT LCD (VA)
	Viewing Angle (H/V)	170°/160°	DR-17E: 170°/160° DR-22E: 178°/178°
	Contrast Ratio	1000:1	DR-17E:1000:1 DR-22E: 3000:1
	Response Time	5 ms	5 ms
Special features	Color Engine Enhance	NA	√
	Gamma Correction (12bit)	NA	√
	HDMI-CEC (ON/OFF)	NA	√
	Backlight Flicker Free	NA	√
	Blue Screen (ON/OFF)	NA	√
	Power LED Light (ON/OFF)	NA	√
	AG Neovo Logo (ON/OFF)	NA	√
	Source Detect	NA	√
	Image Setting (VGA/DVI)	NA	√
	Picture Mode	NA	√
	TV Line	NTSC>600TVL, PAL>620TVL	NTSC>600TVL, PAL>620TVL
EE	Power Supply	DC 24V	DC 24V
	Power Consumption	<0.5W(Stand by)(off)	<0.5W(Stand by)(off)
	Speaker	1.5W*2	2.0W*2

DR-17E/DR-22E & DR-17P/DR-22 Comparison

AG Neovo Dental Precision		DR-Series		
				
Applications		Dental Environment		
Model Names		DR-17P	DR-22	DR-17E/DR-22E
Connectors	VGA	V	V	V
	DVI-D	V	V	V
	HDMI	N/A	V	V
	Display Port 1.2	N/A		V
	RS-232 In	N/A		V
	CVBS In x 2	V (RCA)		V (BNC)
	CVBS Out x 2	N/A		V (BNC)
	S-video	V		V
	Audio in for PC	V		V
	Audio in for Video	V		V
	Audio out for Video	N/A		V
	USB (FW update / Media player)	N/A		V

DR-17E/DR-22E & DR-17P/DR-22 Comparison

Outline dimension remains unchanged



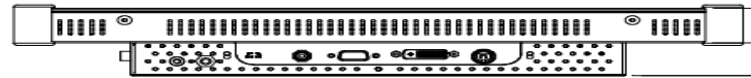
DR-17P/DR-22

DR-22E/DR-17E

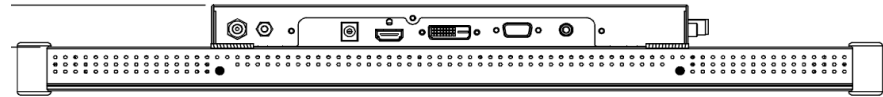
Difference on side IO ports

- Add CVBS out *2, Audio out for video, USB*1, RS-232 *1
- CVBS in (RCA)*2 -> CVBS in(BNC)* 2

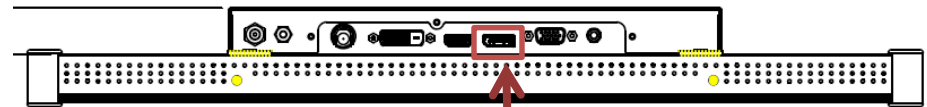
DR-17P



DR-22



DR-22E/DR-17E



Bottom IO ports
- Add DisplayPort*1



Thank You

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