

NEC SpectraView® Reference 21



High-end 21.3 inch professional LCD monitor with LED backlight technology for colour critical applications such as digital photography and pre-press with outstanding features and benefits for best picture quality and colour accuracy.

- High-end 21-inch LCD monitor with SA-SFT (Super-Advanced SuperFine) TFT display and innovative LED backlight
- GammaComp: hardware calibration with 10-bit LUT (look up table) for 30-bit colour control
- Variable Backlight White Point Adjustment: White point adjustment via the RGB LED backlight with no loss of brightness between 5.000 and 9.300K
- Quick start for calibration and daily work: Internal LED feedback system for automatic colour calibration - stabilises brightness and colour temperature values within less than one minute after switching on
- SpectraView® Profiler software, SpectraView® Certifier document and light protection hood with photo velvet included

see more.

NEC Display Solutions

Panel Technology	SA-SFT (SuperAdvanced SuperFine Technology) TFT with LED backlight
Screen Size [inch/cm]	21.3 / 54
Pixel Pitch [mm]	0.270
Viewing Angle [°]	176 horizontal / 176 vertical (typ. at contrast ratio 10:1)
Contrast Ratio (typ.)	430:1
Brightness (typ.) [cd/m²]	200 at 5.000 K - 9.300 K (without ColorComp)
Response Time (typ.) [ms]	20 (tr - tf)
Colours [Mio.]	16.77
Colour palette	More than 100% Adobe® RGB (up to 105.7% Adobe® RGB; up to 101% NTSC)
Maximum useable Colour Palette	30 bit (10 bit per colour) = 1,021 RGB colour values
Backlight/Light source	Light emitting diodes
Horizontal Frequency [kHz]	31.5 - 91.1
Vertical Frequency [Hz]	50 - 85
Optimum Resolution	1600 x 1200 at 60 Hz
Supported Resolutions	1280 x 1024; 1280 x 960; 1152 x 870; 1024 x 768; 832 x 624; 800 x 600; 720 x 400; 720 x 350; 640 x 480
Connectors	Digital: 2 x DVI-D
Plug & Play	VESA DDC/CI; EDID Standard; VESA DDC2B
Adjust Functions	Brightness; Colour Temperature Control; Contrast; Intelligent Power Management; Language Select; Monitor Information; OmniColor™: sRGB and 6-axis-colour-control; On-Screen-Display (OSD) lock-out; Programmable gamma correction; Sharpness
Safety and Ergonomics	CE; TÜV Ergonomics; TÜV GS; FCC Class B; PCT/Gost; UL/C-UL; ISO 13406-2 (pixel failure class II); VCCI; RoHS
Power Consumption on Mode [W]	105 at 6.500 K
Stand-by Mode [W]	< 7
Power Supply	100-120 V/220-240 V; 1.1 A/0.5 A; internal power supply
Ambient Temperature (operating) [°C]	+5 to +35
Ambient Humidity (operating) [%]	30 to 80
VESA Mounting [mm]	100 x 100; Detachable Stand
Screen Tilt [°]	-5 to +25
Dimensions (W x H x D) [mm]	473 x 461.7 x 211.9
Bezel Width [mm]	19.0
Weight [kg]	18.3
Cable Management	yes
Kensington security slot	yes
Benefits	10-bit video input; Advanced NTAA (Advanced Non-Touch- Auto-Adjustment); Auto Black Level; ColorComp; DDC/CI compatible; GammaComp (10-bit LUT for 30-bit colour control); NaViSet® and NaViSet® Administrator compatible; OmniColor™: sRGB and 6-Axis-Colour-Control; Power-Off Timer; SpectraView® Profiler Software; Vacation Switch; X-Light® Pro (AutoLuminance, AutoColour)
Colour Versions	Black Front Bezel, Black Back Cabinet
Shipping Content	Monitor; Power Cable; Signal Cable DVI-D - DVI-D; CD-ROM (User Guides/Manuals); CD-ROM with SpectraView® Profiler Software and manual; Detachable black light protection hood including accessories; SpectraView® Certifier document
Warranty	3 years warranty incl. backlight



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