NEC SpectraView® Reference 322UHD

Order Code: 60003686   **NEC LCD 32" Colour Accurate Display**

Professional 31.5 Colour Display. The NEC SpectraView Reference 322UHD is a high-end professional performance LCD monitors using the latest 10-bit IGZO technology IPS-type LED backlit LCD for colour critical applications with many features and benefits for obtaining best picture quality, colour accuracy and critical applications requiring absolute attention to detail.

The ideal display for all creative professionals, designers, photographers, videographers, broadcast engineers and anyone who cannot accept compromise on colour accuracy.

BENEFITS

Stunning "pixel-free" ergonomic viewing - delivered by an Ultra High Definition (3840 x 2160) Professional LED backlit 10-bit IPS type LCD panel with IGZO technology.

Future Ready with Extension Slot based on OPS Form Factor - upgrade the capabilities of your display at any time without the need for external cables or devices.

True Colours - with a wide colour gamut (102 % size / 99 % coverage AdobeRGB) and hardware calibration with 14-bit LUT (look up table) for 42-bit colour control and gamma correction, irrespective of colour and input.

Facility to create and calibrate - thanks to the SpectraView® Profiler software, the SpectraView®certifier document and detachable black light protection hood including accessories.

Ergonomic Office - full height adjustability (150 mm), swivel, tilt and pivot functionality ensures perfect individual ergonomic set-up.

Zero Defect Pixel Warranty - up to 6 months after date of purchase.

Category	Specification	Value
DISPLAY	Panel Technology	IPS Type TFT with W-LED backlight
	Screen Size [inch/cm]	31.5 / 80
	Screen Aspect Ratio	16:9
	Pixel Pitch [mm]	0.18
	Brightness (typ.) [cd/m²]	350
	Contrast Ratio (typ.)	1000:1
	Viewing Angle [°]	176 horizontal / 176 vertical (typ. at contrast ratio 10:1)
	Response Time (typ.) [ms]	10 (grey-to-grey); 24 (12 white / black; 12 black / white)
	Colours [Billion]	1.074 (10-bit per colour)
	Colour Gamut Size / Coverage	101% / 99.2% Adobe RGB
SYNCHRONISATION RATE	Horizontal Frequency [kHz]	31.5 - 134
	Vertical Frequency [Hz]	24 - 120
RESOLUTION	Optimum Resolution	3840 x 2160 at 60 Hz
	Supported	3840 x 2160 (24/25/30/60 Hz); 2560 x 1600; 2560 x 1440 (30/50/60/75/85 Hz); 1920 x 1080 (24/25/30/50/60/75/85/100/120 Hz); 1280 x 2160; 1280 x 720 (50/60/75/85/100/120 Hz); 1152 x 870; 1152 x 864; 1024 x 768; 832 x 624; 800 x 600; 720 x 400; 640 x 480
CONNECTIVITY	Digital	2 x DisplayPort; 2 x DVI-D; 4 x HDMI; USB ver. 3.0 (3 down / 2 up)
ELECTRICAL	Power Consumption on Mode [W]	48 (Eco Mode); 68 (typ.); 95 (max.)
	Power Savings Mode [W]	5
	Power Supply	1.51 A/0.6 A; 100-120 V/220-240 V; internal power supply
ENVIRONMENTAL CONDITIONS	Operating Temperature [°C]	+5 to +35
	Operating Humidity [%]	30 to 80
ERGONOMICS	Height adjustable stand [mm]	150
	Screen Tilt [°]	-5 to +30
	Screen Swivel [°]	-45 to +45
	Screen Rotate [°]	0 to 90 (landscape to portrait mode)
MECHANICAL	Bezel Width [mm]	21.9 (left and right); 22.5 (top and bottom)
	Dimensions (W x H x D) [mm]	745 x 469 x 302
	Weight [kg]	20.5
	VESA Mounting [mm]	100 x 100; 200 x 100
ADDITIONAL FEATURES	Special Characteristics	Ambient light sensor for optimized brightness levels; Auto Black Level; Auto Brightness; Carbon Footprint Meter; Carbon Savings Meter; Cost Meter; DICOM Simulation; Digital Uniformity Control (ColorComp); DisplayPort; ErgoDesign®: Height adjustable stand (150 mm), swivel (45°), and portrait (90°); GammaComp (14-bit Look Up Table and 16-bit processing); LED Backlight Technology; NaViSet Administrator 2; Picture-in-Picture Mode; PiP/PbP; Programmable 3D LUT; Quick release Stand and Handle; RapidMotion; Self Diagnostics; TORO™ Design; USB ver. 3.0 (3 down / 2 up); Versatile installation (VESA standard), with integrated speakers (2+2 W)
	Colour Versions	Black Front Bezel, Black Back Cabinet
	Cable Management	yes
	Kensington security slot	yes
	Plug and Play	DDC2B/2Bi; EDID Standard; VESA DDC/CI
	Audio	Headphone Jack; Integrated Speakers (2 W + 2 W)
	Adjust Functions	Auto Adjust; Brightness; Colour Temperature Control; Language Select; Monitor Information; On-Screen-Display (OSD) lock-out; Volume
	Shipping Content	CD-ROM; CD-ROM with SpectraView® Profiler Software and manual; Monitor; Power Cable; Setup Guide Signal Cable: DisplayPort; Mini DisplayPort
	Safety and Ergonomics	CE; EAC; FCC Class B; ISO 9241-307 (pixel failure class I); RoHS; UL/C-UL or CSA
	Warranty	5 years warranty incl. backlight; Zero Defect Pixel Warranty up to 6 months after date of Purchase
	OPS Options	HD-SDI 1.5G, 3G
GREEN FEATURES	Energy Efficiency	Annual energy consumption: 139 kWh (based on 4 operating hours per day); Energy efficiency class: D; LED backlight technology
	Ecological Standards	ErP compliant; RoHS compliant

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