

# NEC MultiSync® PA302W-SV2

Order Code: 60003950 (BK)

NEC LCD 30" Professional Display



**Professional Reference 10-bit AH-IPS GB-R LED Display** unites high reliability, uncompromising image quality and highly accurate colour reproduction. The PA302W allows 24/7 usage (with optional Warranty extension) and error-free, intensive viewing. The included SpectraView II application software works with the in-built SpectraView Engine performance and external sensor (optional) to deliver the best hardware calibration with life-like colours. With the Ambient Light Sensor and Carbon Footprint Meter, the Display also promotes professional green productivity and minimises the life-cycle environmental impact.

The ideal display for all mission critical applications, creative professionals, designers, photographers, CAD-CAM, video-editing, finance, precision engineering, medical imaging, broadcasting and industrial applications (e.g. NDT) and anyone who cares about their visual work.

## BENEFITS

**Uncompromising Image Quality** - full colour control thanks to 10-bit IPS, Digital Uniformity Control, 14-bit hardware LUT, SpectraView Engine performance and SpectraView II calibration control.

**Instant Real-time Visualisation** - with the 3D LUT colour emulation and the picture-in-picture function you can simulate accurately different lighting conditions with varying paper colours.

**Responsible Approach to Environmental Impact** - is maintained, without any performance compromise: Ambient Light Sensor, Carbon Footprint Meter / Carbon Savings Meter and efficient cabinet packing design.

**Future-proof Connectivity** - as well as easier support of high resolution, 10-bit AH-IPS colour signals is assured with the DisplayPort connector.

**Improved Productivity and Reduced Desk Clutter** - through easy multi-platform support and input following USB hub. Picture-by-picture allows two different platforms to be simultaneously viewed. A single mouse and keyboard can be switched to the active operating system.

**Save Time and Increase Personal Productivity** - see reality on your screen and see your creative masterpieces precisely as you envisioned them.




**NaViSet**  
Administrator 2

<b>DISPLAY</b>	Panel Technology	AH-IPS GB-R LED Backlight
	Screen Size [inch/cm]	29.8 / 75.6
	Screen Aspect Ratio	16:10
	Brightness (typ.) [cd/m²]	340
	Contrast Ratio (typ.)	1000:1
	Viewing Angle [°]	178 horizontal / 178 vertical (typ. at contrast ratio 10:1)
	Response Time (typ.) [ms]	12 (6 white / black; 6 black / white); 7 (grey-to-grey)
	Colours [Billion]	1.074 (10-bit per colour)
	Colour Gamut Size / Coverage	108.6% / 99.3% Adobe RGB
<b>SYNCHRONISATION RATE</b>	Horizontal Frequency [kHz]	31.5 - 98.7
	Vertical Frequency [Hz]	50 - 85
<b>RESOLUTION</b>	Optimum Resolution	2560 x 1600 at 60 Hz
	Supported	2048 x 1536; 1920 x 1080p; 1600 x 1200; 1280 x 1440; 1280 x 1024; 1280 x 960; 1280 x 720p; 1200 x 1920; 1152 x 870; 1152 x 864; 1024 x 768; 832 x 624; 800 x 600; 720 x 576p; 720 x 480p; 720 x 400; 640 x 480; 640 x 480p
<b>CONNECTIVITY</b>	Digital	1 x DisplayPort; 1 x HDMI; 1 x Mini DisplayPort; 1x DVI-D (Dual Link)
<b>ELECTRICAL</b>	Power Consumption on Mode [W]	47 (Eco Mode); 63 (typ.); 87 (max.)
	Power Savings Mode [W]	1.4
	Power Supply	1.1 A/0.51 A; 100-240 V; integrated power supply
<b>ENVIRONMENTAL CONDITIONS</b>	Operating Temperature [°C]	+5 to +35
	Operating Humidity [%]	30 to 80
<b>ERGONOMICS</b>	Height adjustable stand [mm]	150; 150 (Landscape mode)
	Screen Tilt / Swivel [°]	-5 to +30; -45 to +45
	Screen Rotate [°]	0 to 90 (landscape to portrait mode)
<b>MECHANICAL</b>	Bezel Width [mm]	22 (top and bottom); 22.4 (left and right)
	Dimensions (W x H x D) [mm]	688 x 466.4 - 616.4 x 301.6 (Landscape mode); Without stand: 688 x 446.8 x 82
	Weight [kg]	17; Without stand: 10.7
	VESA Mounting [mm]	100 x 100 (4 points); 200 x 100 (5 points)
<b>ADDITIONAL FEATURES</b>	Special Characteristics	Adjustable power LED (colour and brightness); Auto Black Level; Auto Brightness; Auto Contrast; AutoBright; CableComp with Sync Continuity Detection; ColorComp; DDC/CI compatible; Direct Brightness and Contrast; EcoModes; GammaComp (14-bit Look Up Table and 16-bit processing); GB-R LED Backlight; Integrated USB Hub (2 up; 3 down); Overdrive; Picture-in-Picture Mode; PiP/PbP; Programmable 3D LUT; Quick release Stand and Handle; Rapid Response Technology; RapidMotion; Self Diagnostics; TileComp; TileMatrix; TORO™ Design; Windows 8 compatible
	Colour Versions	Black Front Bezel, Black Back Cabinet
	Cable Management	yes
	Kensington security slot	yes
	Plug and Play	EDID Standard; VESA DDC/CI; VESA DDC2B
	Adjust Functions	Advanced User Menu; Auto Adjust; Black Level; Brightness; Colour Temperature Control; Contrast; Expansion Mode; Fine Adjust (analog); Hotkeys; Intelligent Power Management; Language Select; Monitor Information; OmniColor™; sRGB and 6-axis-colour-control; On-Screen-Display (OSD) lock-out; PiP; Sharpness; USB
	Shipping Content	CD-ROM; Monitor; Power Cable; Setup Guide; SpectraView II Application Software Signal Cable: 1 x DVI-D; Mini DisplayPort
	Safety and Ergonomics	C-tick; CCC; CE; ErP; FCC Class B; ISO 9241-307 (pixel failure class I); MPR II/ MPR III; PCBC/B-mark; PCT/Gost; PSB; RoHS; TÜV Ergonomics; TÜV GS; UL/C-UL or CSA
	Warranty	3 years warranty incl. backlight
<b>GREEN FEATURES</b>	Energy Efficiency	Annual energy consumption: 92 kWh (based on 4 operating hours per day); Carbon Footprint Meter / Carbon Savings Meter; Energy efficiency class: C
	Ecological Materials	Efficient mechanical design for minimised packaging; Minimal use of harmful material
	Ecological Standards	ErP compliant