NEC SpectraView® 2490



High-end 24 inch professional widescreen LCD monitor for colour critical applications with outstanding features and benefits for best picture quality and colour accuracy, outstanding ergonomics and economics.

- Consistent colour from any angle with IPS 16:10 TFT display
- Truer colours with a wider colour gamut as soon as you switch on due to X-light® Pro and hardware calibration with 12-bit LUT (look up table) for 36-bit colour control and gamma correction, independent per colour and input
- Ergonomically mastered for comfortable viewing with ErgoDesign® and TORO™: Height-adjustable stand (150 mm) with 90° portrait capability
- Extraordinary features such as Digital Uniformity Control (ColorComp), Power On timer, ambix3™triple input, OSD KeyGuide, self diagnostics and X-light® Pro
- SpectraView® Profiler software, SpectraView® Certifier document included

see more.
NEC Display Solutions

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TECHNICAL SPECIFICATIONS

Panel Technology	IPS TFT
Screen Size [inch/cm]	24,1 / 61,1
Colour Gamuts (Size comparision, typ.)	75% AdobeRGB, 72% NTSC
Pixel Pitch [mm]	0.270
Viewing Angle [°]	178 horizontal / 178 vertical (typ. at contrast ratio 10:1)
Contrast Ratio (typ.)	1000:1
Brightness (typ.) [cd/m²]	320
Response Time (typ.) [ms]	8 (grey-to-grey), 16 (8 white / black; 8 black / white)
Colours [Mio.]	16.77
Horizontal Frequency [kHz]	31,5 - 93,8 and 119,2 (analog) / 31,5 - 91,1 and 119,2 (digital)
Vertical Frequency [Hz]	50,0 - 85,0
Optimum Resolution	1920 x 1200 at 60 Hz
Supported Resolutions	1920 x 1080p; 1600 x 1200; 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
Connectors	Digital: 1 x DVI-D; Digital/ Analog: 1 x DVI-I; Analog: 1 x D-sub 15 pin
Plug & Play	VESA DDC/CI; DDC2B/2Bi; EDID Standard
Adjust Functions	Advanced NTAA (Advanced Non-Touch-Auto-Adjustment); 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; Sharpness; sRGB; User Menu
Safety and Ergonomics	CE; TCO 03; TÜV Ergonomics; TÜV GS; C-tick; GEEA/Energy Label; FCC Class B; PCT/Gost; UL/C-UL or CSA; CCC; ISO 13406-2 (pixel failure class II); MPR II/ MPR III; PCBC/B-mark; PSB; RoHS
Power Consumption on Mode [W]	38 (Eco Mode); 75 (max.)
Stand-by Mode [W]	1
Power Supply	100-240 V; 1,1 A/0,55 A; integrated power supply
Ambient Temperature (operating) [°C]	+5 to +35
Ambient Humidity (operating) [%]	30 to 80
VESA Mounting [mm]	100 x 100 (4 points); 200 x 100 (5 points)
ErgoDesign®: Height adjustable Stand [mm]	150 (Landscape mode)
Screen Tilt / Swivel [°]	5 to 30 / 170 to 170
Dimensions (W x H x D) [mm]	554,2 x 432,4 - 582,4 x 306,0 (Landscape mode)
Bezel Width [mm]	16,9
Weight [kg]	11,8
Cable Management	yes
Bezpečnostní Kensington slot	yes
Benefits	Adjustable power LED (colour and brightness); Advanced NTAA (Advanced Non-Touch- Auto-Adjustment); AmbiBright; ambix³™; Auto Black Level; Auto Brightness; Auto Contrast; AutoBright; CableComp with Sync Continuity Detection; ColorComp; DDC/CI compatible; Direct Brightness and Contrast; EcoModes; GammaComp (12 bit Look Up Table) and 12 bit Gamma Correction; NaViSet®and NaViSet®Administrator compatible; OmniColor™: sRGB and 6-Axis-Colour-Control; Overdrive; Quick release Stand and Handle; Rapid Response Technology; RapidMotion; Real Time Clock with Scheduler (Power-On and Power-Off Timer); Self Diagnostics; SpectraView® Profiler Software; TileComp; TileMatrix; TORO™ Design; Windows XP; X-Light® Pro (AutoLuminance, AutoColour)
Audio Functions	Option: MultiSync® Soundbar 90
Colour Versions	Black Front Bezel, Black Back Cabinet
Shipping Content	Monitor; Power Cable; Signal Cable DVI-A - VGA; Signal Cable DVI-D - DVI-D; CD-ROM; Sales Office List; User Manual; 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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NEC Display Solutions Europe GmbH