Empowered by Innovation

NEC

LCDs • Projectors • Plasmas • LCDs • Projectors • Plasmas • LCDs • Projectors

NEC MultiSync® LCD5220 Protection Glass



see more.

NEC Display Solutions

Professional Public Displays with highest standards in reliability and variability - for all kinds of Digital Signage applications. With integrated high-quality, coated security glass.

- Professional 52 inch Public Display with S-PVA TFT Technology
- Ultra-thin frame (19 mm)
- High brightness up to 700 cd/m²
- Sophisticated overheating protection with two temperature controlled fans

NEC MultiSync® LCD5220 Protection Glass

TECHNICAL SPECIFICATIONS

Panel Technology	S-PVA LCD
Active Screen Area (W x H) [mm]	1152 x 648
Screen Size [inch/cm]	52 / 132,08
Pixel Pitch [mm]	0.6 x 0.6
Viewing Angle [°]	178 horizontal / 178 vertical (typ. at contrast ratio 10:1)
Screen Aspect Ratio	16:9
Contrast Ratio (typ.)	2000:1
Brightness (typ.) [cd/m²]	500 (at 5°C - 40°C - factory setting); 650 (at 5°C - 30°C); 700 (at 5°C - 20°C)
Response Time (typ.) [ms]	8 (grey-to-grey), 16 (6 white / black; 10 black / white), 8 (tr - tf)
Colours [Mio.]	16.77
Horizontal Frequency [kHz]	31,5 - 91,1 (analog and digital)
Vertical Frequency [Hz]	50,0 - 85,0
Optimum Resolution	1920 x 1080 at 60 Hz
Native Resolution	1920 x 1080 at 60 Hz
Supported Resolutions	1920 x 1080; 1680 x 1050; 1600 x 1200; 1440 x 1050; 1366 x 768; 1280 x 1024; 1280 x 768; 1024 x 768; 832 x 624; 800 x 600; 720 x 400; 640 x 480
Video Input	Analog: 1 x S-Video; Analog: 5 x BNC, Component, Composite (via BNC and Cinch); Analog: 1 x D-sub 15 pin; Digital: 1 x DVI-D (with HDCP); Digital: 1 x HDMI
Video Output	Analog: 5 x BNC, Composite (via BNC)
Audio Input	2 x Cinch (RCA); 1 x Head-jack 3.5 mm
Audio Output	1 x Cinch (RCA)
Option Slot	DVI daisy chain board; Single board computer; HD-SDI board; CAT 5 receiver
Plug & Play	VESA DDC2Bi
Safety and Ergonomics	CE; TÜV GS; C-tick; FCC Class B; UL/C-UL or CSA; CCC; PSB; VCCI; RoHS
Power Consumption on Mode [W]	278 (at 500 cd/m2) (typ.); 420 (max.)
Power Management	VESA DPMS
Power Supply	100-120 V/220-240 V; 3,0 A/1,2 A; internal power supply
Ambient Temperature (operating) [°C]	+5 to +40 (influence on the max. brightness)
Ambient Humidity (operating) [%]	20 to 80
VESA Mounting [mm]	400 x 400 (FDMI); 8 holes / 200 mm spacing
Dimensions (W x H x D) [mm]	With stand: 1200,0 x 732,5 x 400,0 Without stand: 1200,0 x 696,0 x 147,5
Bezel Width [mm]	19 (left and right); 19 (top and bottom)
Weight [kg]	With stand: 46,5; Without stand: 44,3
Benefits	AutoBright; CableComp (digital 30m, analog 100m); Colour Temperature Mode; DICOM Profile; NaViSet®and NaViSet®Administrator compatible; OmniColor™: sRGB and 6-Axis-Colour-Control; Overheating Protection with controllable Fans incl. 3rd Fan for optimized Portrait Use; Picture-in-Picture Mode; Picture-over-Picture Mode; PIN Code Protection; Power-Off Timer; Power-On Delay; SCART Support; Scheduler Function (with RTC); Selectable ID; TileMatrix (5 x 5); Touch Panel ready
Supported TV Standards (no tuner)	SECAM; PAL; NTSC
Video Modes (no tuner)	480i; 480p; 576i; 576p; 2 x720p (50 and 60 Hz); 2 x 1080i (50 and 60 Hz); 2 x 1080p (50 and 60 Hz)
Audio Functions	Optional Speakers (15 W + 15 W)
Remote Control	RS-232C (9-pin D-sub) Input and Output; D-sub 15 and DVI-D (DDC/CI); Remote Control IR
Colour Versions	Black Front Bezel, Black Back Cabinet
Shipping Content	Display; Power Cable; Signal Cable VGA - VGA; Remote Control (IR); CD-ROM (User Guides/Manuals); Conclusion Cover
Stand	Optional
Warranty	3 years warranty incl. backlight

All hardware and software names are brand names and/or registered trademarks of the respective manufacturers. All rights reserved. All specifications are subject to change without notice. 01/10

www.nec-display-solutions.com

NEC Display Solutions Europe GmbH