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NEC MultiSync® LCD4020

Professional Public Displays with highest standards in reliability and variability – for all kinds of Digital Signage Applications.

- 40 inch Public Display with professional LCD panel
- Ultra-slim bezel (15.5 mm)
- High brightness up to 700 cd/m²
- Sophisticated overheating protection with two temperature controlled fans
- Option slot

see more.

NEC Display Solutions

NEC MultiSync® LCD4020

TECHNICAL SPECIFICATIONS

Panel Technology	S-PVA TFT
Active Screen Area (W x H) [mm]	885.2 x 497.6
Screen Size [inch/cm]	40/101.6
Viewing Angle (typ.)	178° horizontal / 178° vertical (typ. at contrast ratio 10:1)
Screen Aspect Ratio	16:9
Pixel Pitch [mm]	0.648 x 0.648
Contrast Ratio (typ.)	1200:1
Brightness (typ.) [cd/m²]	500 at 5°C - 40°C (factory preset), 700 at 5°C - 20°C)
Response Time (typ.) [ms]	8 (t_r + t_f; grey-to-grey); 16 (6 white/black; 10 black/white)
Colours [million]	16.77
Horizontal Frequency [kHz]	31.5 - 91.1 (analog and digital)
Vertical Frequency [Hz]	50.0 - 85.0
Optimum Resolution	1360 x 768 at 60 Hz
Native Resolution	1366 x 768 at 60 Hz
Other Resolutions	1920 x 1080; 1366 x 768; 1440 x 1050; 1680 x 1050; 1600 x 1200; 1280 x 1024; 1280 x 768; 1024 x 768; 832 x 624; 800 x 600; 720 x 400; 640 x 480
Video Input	Analog: 5 x BNC, Component, Composite (via BNC and Cinch); 1 x S-Video; 1 x Dsub 15; Digital: 1 x DVI-D (with HDCP); HDMI
Video Output	Analog: 5 x BNC, Composite (via BNC)
Audio Input	2 x Cinch, 1 x 3.5 mm Head-jack
Audio Output	1 x Cinch
Option Slot	CAT 5 receiver, HD-SDI board, Single board computer, DVI daisy chain board
Plug & Play	VESA DDC2Bi
Safety and Ergonomics	UL/C-UL or CSA; FCC Class B; TÜV GS; VCCI; CE; C-tick; PSB; CCC
Power Consumption (typ.) [W]	170 (at 500 cd/m²); 300 (max.)
Power Management	VESA DPMS
Power Requirements	100 - 120/220 - 240 V; 3.0/1.2 A; internal power supply
Operating Temperature [°C]	+5 to +40*
Operating Humidity [%]	20 to 80
VESA Mounting Interface [mm]	600 x 200 (FDMI); 16 holes / 100 mm spacing
Dimensions (W x H x D) [mm]	With stand: 919.7 x 566.7 x 330.0; Without stand: 919.7 x 532.2 x 140.0
Bezel Width [mm]	15.5 left/right/top/bottom
Specials	AutoBright Technology (Signal Input); CableComp (digital 30 m, analog 100 m); Colour Temperature Mode; NaviSet® and NaviSet® Administrator compatible; OmniColor™; sRGB Support and 6-Axis- Colour-Control; Picture-in-Picture Mode; Picture-over-Picture Mode; Power-Off Timer; Power-On Delay; Scheduler Function (with RTC); Tile Matrix (5x5); Touch Panel ready; PIN Code Protection; DICOM Profile; SCART Support; Selectable ID; Overheating Protection
Weight [kg]	31.1 (with stand); 29.4 (without stand)
Supported TV Standards	NTSC; PAL; SECAM
Video Modes	480i; 480p; 576i; 576p; 2 x 720p (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 + Output; Dsub 15 and DVI-D (DDC/CI); Remote Control IR
Colour Versions	Black Front Bezel/Black Back Cabinet
Shipping Content	Display, Stand; Power Cable; Remote Control (IR); CD Manual; VGA-VGA Cable; Conclusion cover
Warranty	3 years warranty including backlight

*The ambient temperature influences the max. brightness. See „brightness“ specification.

LCD4020-UK-6/07

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