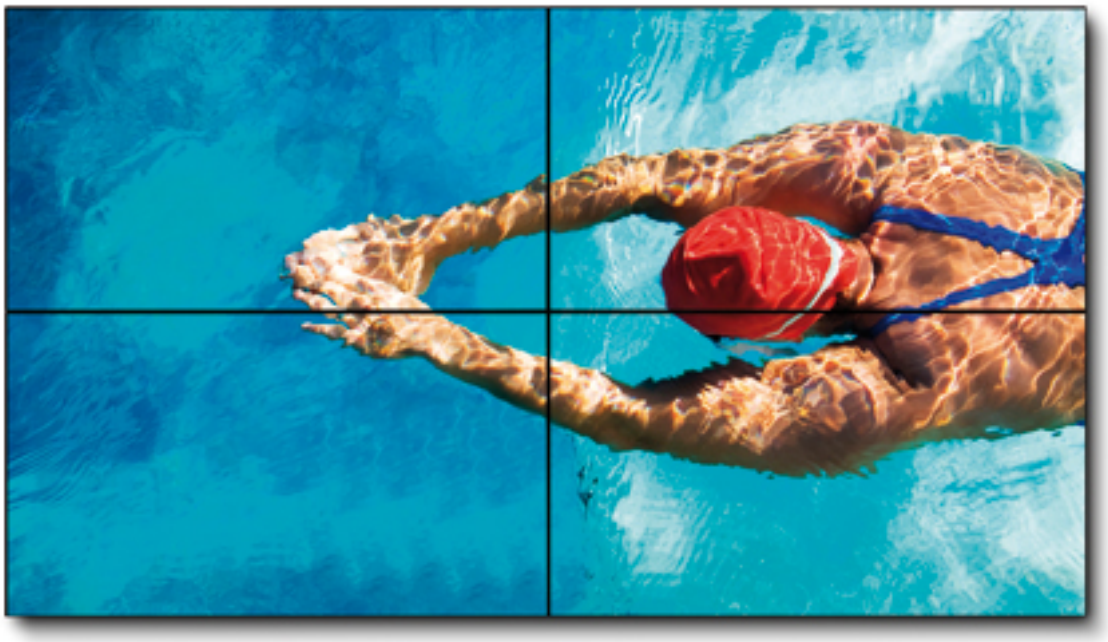
Empowered by Innovation

NEC

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

NEC MultiSync® X461UN



The ultimate video wall product for perfect video walls with the benefit of LCD technology and NEC quality.

- Super slim bezel with 7,3 mm between contents
- 46 inch Public Display with professional LCD panel
- Ambient light sensor for optimized brightness levels and minimized power consumption
- High brightness up to 700 cd/m²
- Factory and user calibration for perfect brightness and color uniformity

see more.

NEC Display Solutions

NEC MultiSync® X461UN

TECHNICAL SPECIFICATIONS

Panel Technology	S-PVA TFT
Active Screen Area (W x H) [mm]	1018,4 x 572,5
Screen Size [inch/cm]	46 / 117
Pixel Pitch [mm]	0.746 x 0.746
Viewing Angle [°]	178 horizontal / 178 vertical (typ. at contrast ratio 10:1)
Screen Aspect Ratio	16:9
Contrast Ratio (typ.)	3000:1
Brightness (typ.) [cd/m²]	500 (at 5°C - 40°C - factory setting); 650 (at 5°C - 20°C); 700 (at 5°C - 8°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 - 85
Optimum Resolution	1360 x 768 at 60 Hz
Native Resolution	1366 x 768 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 1.3
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	Built-in PC; DVI daisy chain board; HD-SDI board; CAT 5 receiver
Plug & Play	VESA DDC2Bi
Safety and Ergonomics	CE; TÜV GS; C-tick; Energy Star 5.0; FCC Class B; UL/C-UL or CSA; CCC; PSB; VCCI; RoHS
Power Consumption on Mode [W]	200 (at 500 cd/m2) (typ.); 330 (max.)
Power Management	VESA DPMS
Power Supply	100-120 V/220-240 V; 3,6 A/1,45 A; internal power supply
Ambient Temperature (operating) [°C]	+5 to +40
Ambient Humidity (operating) [%]	20 to 80
VESA Mounting [mm]	300 x 300 (FDMI); 4 holes
Dimensions (W x H x D) [mm]	With stand: 1025,7 x 623,6 x 351 Without stand: 1025,7 x 579,8 x 128,1
Bezel Width [mm]	2,7 bottom/right; 4,6 top/left
Weight [kg]	With stand: 30,8; Without stand: 29,0
Benefits	10 bit LUT for calibration; 10 x 10 Tile Matrix with up 100 IDs through RS232; copy display settings through RS232; external ambient light + IR sensor; NaViSet®and NaViSet®Administrator compatible; OmniColor™: sRGB and 6-Axis-Colour-Control; TCP / IP control; user controllable back up fans with 2 speeds
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	no optional speakers; Amplifier: 2x 15 Watt
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 3,5 mm jack; external sensor (IR + ambient light); sensor; CD-ROM (User Guides/Manuals)
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. 05/10

www.nec-display-solutions.com

NEC Display Solutions Europe GmbH