Empowered by Innovation

NEC MultiSync® X461S

Order Code: 60003056

NEC LCD 46" Public Display

The superslim MultiSync® X461S delivers the longevity and reliability customers expect from a Public Display thanks to a professional Public Display panel and proven NEC engineering excellence. The reduced depth and light weight makes it easy to handle and integrate while the new slim option slot STv2 allows for the integration of powerful slot-in PCs and other option slot products.

Ideal for a wide array of applications such as retail signage including 24/7, transport applications, conference rooms, lobby/ reception installations and integration in totems and furniture.



DELIVERING GENUINE BENEFITS

Colour Calibration - the display can be hardware colour calibrated to make sure e.g. customer's logo are displayed accurately.

DICOM support- for medical applications.

Programmable Ambient Light Sensor - for reduced power consumption and eye pleasing brightness levels.

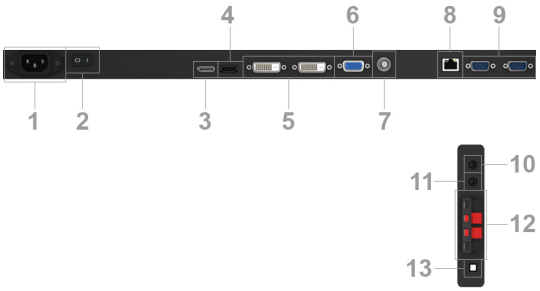
Super slim design - only 43.3 mm total depth.

OUTSTANDING PERFORMANCE

- Thanks to **Edge LED backlight technology** the display comes with superslim and leight weight design which enables integration in extremely slim cabinets and installations with space constraints.
- **Unique NEC heat management** enables the user to monitor and control the heat inside the display with user controllable fans. Ideal for heavy duty applications or integration job.
- **Slot Technology version2** (STv2) allows for the integration of single board computers and other option slot products without the need to stow extenal equipment.
- **Integrated speakers** save installation costs and preserve the clean look of the screen.
- The **optional NEC wall mount** empasizes the slim design of the product and adds a mere 7.5 mm making the installation 50.8 mm deep.
- **Peace of mind** thanks to full control of the display via LAN with free NEC software and alert emails in the unlikely event of a problem such as no signal, overheating, back light failure etc.
- **Daisy chaining via DVI** (max. 9 pieces) offering high flexibility at no extra cost if the singal needs to be passed on for videowalls or back-to-back installations.

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1. Power
2. Main Switch
3. DisplayPort in
4. HDMI in
5. DVI in / out
6. D-sub with VGA, Component, Composite and S-Video
7. Composite in
8. LAN with SNMP
9. External control RS-232 in / out
10. Audio out
11. Audio in
12. External speakers
13. Internal / external speaker switch

SPECIAL CHARACTERISTICS

Advanced fan control, Copy display settings through RS232, DICOM support, Hardware colour calibration possible, Input name adjustment, Matrix memory, OSD rotation for portrait mode, Various picture in picture options, Programmable ambient light sensor, Rapid input switching, Scheduler, Screen saver functions, TileMatrix (10 x 10), User input priority definition

Energy Efficiency Ambient light sensor ; LED backlight; Carbon savings meter ; ECOMode

Ecological Materials Mercury free; Optional feet ; Manuals on CD

Ecological Standards Energy Star 5.0

Technical Specification NEC MultiSync® X461S	
DISPLAY	
Panel Technology	S-PVA with edge LED backlights
Active Screen Area (W x H) [mm]	1,018 x 572
Screen Size [inch/cm]	46 / 117
Aspect Ratio	16:9
Brightness (shipping) [cd/m²]	500, (600 max)
Contrast Ratio (typ.)	3000:1
Viewing Angle [°]	178 horizontal / 178 vertical (typ. at contrast ratio 10:1)
Response Time (typ.) [ms]	8 (grey-to-grey)
Panel Refresh Rate [Hz]	60
SYNCHRONISATION RATE	
Horizontal Frequency [kHz]	31.5 - 91.1
Vertical Frequency [Hz]	50 - 85
RESOLUTION	
Native Resolution	1920 x 1080 at 60 Hz
Supported on digital and analogue inputs (PC)	1024 x 768; 1280 x 1024; 1280 x 720; 1280 x 768; 1280 x 800; 1280 x 960; 1366 x 768; 1400 x 1050; 1600 x 1200; 1680 x 1050; 1920 x 1080; 640 x 480; 720 x 400; 720 x 576; 800 x 600
Supported on digital inputs (Video)	1280 x 720p (50)16:9 ; 1280 x 720p (59.94/60)16:9 ; 1920 x 1080i (50)16:9 ; 1920 x 1080i (59.94/60)16:9 ; 1920 x 1080p (23.97/24)16:9 ; 1920 x 1080p (25) 16:9 ; 1920 x 1080p (29.97/30)16:9 ; 1920 x 1080p (50)16:9 ; 1920 x 1080p (59.94/60)16:9 ; 720 x 480p (59.94/60)16:9 ; 720 x 576p (50)16:9
CONNECTIVITY	
Input Video Analogue	1 x D-sub 15 pin; 1 x S-Video; Composite (BNC)
Input Video Digital	1 x DVI-D (with HDCP); 1 x HDMI (with HDCP); 1 x DisplayPort (with HDCP)
Input Audio Analogue	1 x 3,5 mm jack
Input Audio Digital	Display Port; 1x HDMI
Input Control	LAN 100Mbit; RS232
Output Video Digital	1 x DVI-D (with HDCP)
Output Audio Analogue	3,5mm jack
Output Control	RS232
Option Slot Technology	STv2 (compatible with Intel / NEC OPS standard)
Remote Control	LAN with SNMP ; RS-232C (9-pin D-sub) Input and Output; Remote Control IR (internal/external (optional) sensor)
ELECTRICAL	
Power Consumption on Mode [W]	135 shipping; 230 (max.)
Power Savings Mode [W]	< 0.5 (ECO Standby); < 1
Power Management	VESA DPMS
ENVIRONMENTAL CONDITIONS	
Operating Temperature [°C]	+5 to +40
Operating Humidity [%]	20 to 80
Storage Humidity [%]	10 to 90
Storage Temperature [°C]	-20 to +60
MECHANICAL	
Dimensions (W x H x D) [mm]	Without stand: 1,062.7 x 618.1 x 43.3
Weight [kg]	Without stand: 18.9
Bezel Width [mm]	21 (left and right); 21 (top and bottom)
VESA Mounting [mm]	300 x 300 (FDMI); 4 holes; M6
AVAILABLE OPTIONS	
Option Slot	Built-in PC; HD-SDI board
Accessories	Feet (ST-4020); Speaker (SP-RM1); Wall mount (WM32-70 L and P); Wall mount (WMS32-55 L and P)
ADDITIONAL FEATURES	
Colour Versions	Black Front Bezel, Black Back Cabinet
Safety and Ergonomics	CE; TÜV GS; C-tick; Energy Star 5.0; FCC Class A; UL/C-UL or CSA; PSB; VCCI; RoHS
Plug and Play	VESA DDC2Bi
Audio	Integrated Speakers (5 W + 5 W); Optional speakers NEC SP-RM1 (2x15W)
Shipping Content	Display; Power Cable; VGA cable; slot cover for STv2; Free LAN control software (download); Remote Control (IR)