\Orchestrating a brighter world

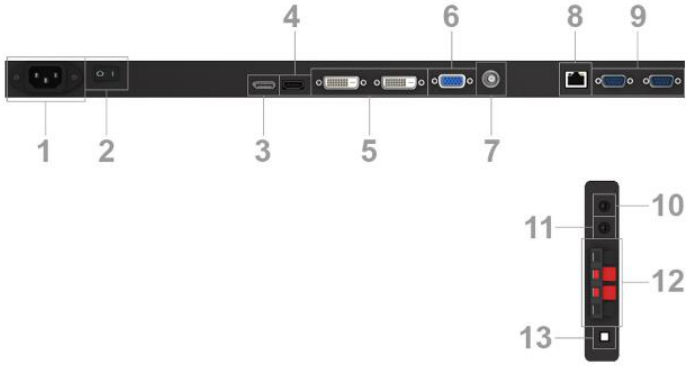
NEC

MultiSync® X462S

LCD 46" Professional Large Format Display

Datasheet





The superslim MultiSync ® X462S 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.

Benefits

Super slim design – only 46.1 mm total depth.

Colour Matching – the display can be hardware calibrated to display a certain colour temperature or brightness to match other displays in the same installation.

DICOM support – for medical applications.

Programmable Ambient Light Sensor – automatically adapts brightness to suit ambient light conditions ensuring reduced power consumption and eye pleasing luminosity levels.

Unique NEC heat management – enables the user to monitor and control the heat inside the display with user controllable fans. Heat management is crucial for larger walls and mission critical installations to secure reliability and longevity.

Free Download of Multi-Display Management Software – with NaViSet Administrator 2 you can manage all your connected display devices from a centralised location.

Product Information

Product Name	MultiSync® X462S
Product Group	LCD 46" Professional Large Format Display
Order Code	60003399

Display

Panel Technology	S-PVA with edge LED backlights
Active Screen Area (W x H) [mm]	1,018.1 x 572.7
Screen Size [inch/cm]	46 / 117
Aspect Ratio	16:9
Brightness [cd/m²]	700, 420 Eco (shipment setting)
Contrast Ratio (typ.)	4000:1
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
Haze Level [%]	44
Supported Orientation	Face Up; Landscape; Portrait

Synchronisation Rate

Horizontal Frequency [kHz]	31.5 - 91.1
Vertical Frequency [Hz]	50 - 85

Resolution

Native Resolution	1920 x 1080 at 60 Hz
Supported Resolutions	1920 x 1080; 1680 x 1050; 1600 x 1200; 1400 x 1050; 1366 x 768; 1280 x 1024; 1280 x 960; 1280 x 800; 1280 x 768; 1280 x 720; 1024 x 768; 800 x 600; 720 x 576; 720 x 400; 640 x 480
Supported on digital inputs (Video)	1920 x 1080i (50)16:9; 1920 x 1080i (59.94/60)16:9; 1920 x 1080p (50)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 (59.94/60)16:9; 1280 x 720p (59.94/60)16:9; 1280 x 720p (50)16:9; 720 x 576p (50)16:9; 720 x 480p (59.94/60)16:9

Connectivity

Input Video Analogue	1 x D-sub 15 pin; Composite (BNC)
Input Video Digital	1 x DisplayPort (with HDCP); 1 x DVI-D (with HDCP); 1 x HDMI (with HDCP)
Input Audio Analogue	1 x 3,5 mm jack
Input Audio Digital	1 x HDMI; DisplayPort
Input Control	LAN 100Mbit; RS232
Output Video Digital	1 x DVI-D (with HDCP)
Output Audio Analogue	3,5mm jack
Output Control	RS232
Remote Control	LAN with SNMP; Remote Control IR; RS-232C (9-pin D-sub) Input and Output

Option Slot

Slot Technology	STv2 (compatible with Intel / NEC OPS standard)
Inrush Current [A]	max. 10
Power Consumption [W]	max. 61
Voltage / Current [V/A]	16/4

Electrical

Power Consumption [W]	112 Eco (shipment setting), 160

Power Savings Mode [W]	< 0.5 (ECO Standby); < 1
Power Management	VESA DPMS

Environmental Conditions

Operating Temperature [°C]	+0 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: 1,059.3 x 613 x 46.1
Weight [kg]	Without stand: 20.7
Bezel Width [mm]	18.7 (left and right); 18.7 (top and bottom)
VESA Mounting [mm]	300 x 300 (FDMI); 4 holes; M6
Ingress Protection	IP40 (front); IP20 (back)

Additional Features

Special Characteristics	Advanced fan control; Automatic Alarm E-Mails; Copy display settings through RS232; DICOM support; Hardware colour calibration possible; Input name adjustment; Matrix memory; NaViSet Administrator 2; OSD rotation for portrait mode; Programmable ambient light sensor; Rapid input switching; Scheduler; Screen saver functions; TileMatrix (10 x 10); User input priority definition; Various picture in picture options
Colour Versions	Black Front Bezel, Black Back Cabinet
Safety and Ergonomics	C-tick; CE; Energy Star 5.1; FCC Class B; PSB; RoHS; TÜV GS; UL/C-UL or CSA; VCCI
Plug and Play	VESA DDC2Bi
Audio	Integrated Speakers (5 W + 5 W); Optional speakers NEC SP-RM1 (2x15W)
Shipping Content	Display; DVI-D cable; Free LAN control software (download); Power Cable; Remote Control (IR); slot cover for STv2
Warranty	additional services available; optional 4. + 5. year warranty extension
Operating Hours	24/7

Available Options

Accessories	Feet (ST-4020); Speaker (SP-RM1, SP-TF1, SP-46SM); Wall mount (PDW S 32-55 L + P)
Option Slot	HD-SDI 1.5G and 3G; Intel Atom, Celeron and Core CPUs

Green Features

Energy Efficiency	Ambient light sensor; Annual energy consumption: 163 kWh (based on 4 operating hours per day); Carbon savings meter; ECOMode; Energy efficiency class: B; LED backlight
Ecological Materials	Manuals on CD; Mercury free; Optional feet
Ecological Standards	Energy Star 5.1

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