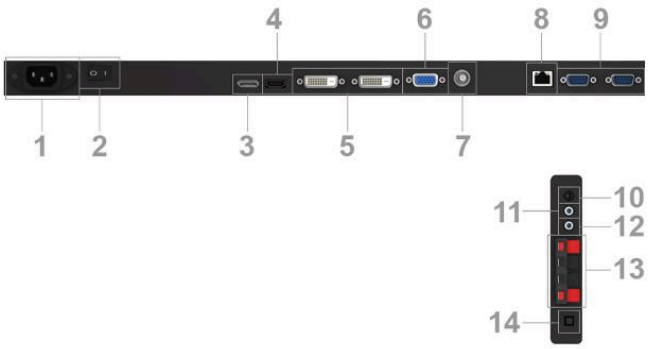
\Orchestrating a brighter world

MultiSync® V463

LCD 46” Value Large Format Display

Datasheet



MultiSync® V463 is one of the first public displays to feature a professional LCD panel with Edge LED backlights. Thanks to this new backlight technology, power consumption, weight and depth could be further reduced from the mark set by its predecessor. This generation of V Series features an NEC OPS and allows for the seamless integration of various PC boards, HDSDI interfaces and other OPS compatible products.

Ideal for cost efficient retail signage, conferencing applications and lobby or reception installations.

Benefits

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.

DICOM support – for medical applications.

Ease of Installation and Operation – free LAN control software for central, convenient and cost-efficient maintenance and control. Automatic alarm emails notify the user of problems if they should occur.

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® V463
Product Group	LCD 46" Value Large Format Display
Order Code	60003394

Display

Panel Technology	AMVA3 with Edge LED backlights
Active Screen Area (W x H) [mm]	1,018 x 573
Screen Size [inch/cm]	46 / 117
Aspect Ratio	16:9
Brightness [cd/m²]	500, 300 Eco (shipment setting)
Contrast Ratio (typ.)	4000:1
Viewing Angle [°]	178 horizontal / 178 vertical (typ. at contrast ratio 10:1)
Response Time (typ.) [ms]	6.5 (grey-to-grey)
Panel Refresh Rate [Hz]	60
Haze Level [%]	11
Supported Orientation	Landscape; Portrait

Synchronisation Rate

Horizontal Frequency [kHz]	31.5 - 91.1 (analog and digital)
Vertical Frequency [Hz]	25.2 - 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 786; 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 (59.94/60)16:9; 1920 x 1080p (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;	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 1.3 (with HDCP)
Input Audio Analogue	1 x 3,5 mm jack
Input Audio Digital	1 x HDMI; DisplayPort
Input Control	LAN 100Mbit; remote control wire (3,5mm jack); RS232
Output Video Digital	1 x DVI-D (with HDCP)
Output Audio Analogue	3,5mm jack
Output Control	RS232
Remote Control	LAN; Remote Control IR (internal/external (optional) sensor); 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]	76 Eco (shipment setting), 100
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: 1,058.2 x 612.8 x 65.1
Weight [kg]	Without stand: 18.9
Bezel Width [mm]	18.3 (left and right); 18.3 (top and bottom)
VESA Mounting [mm]	300 x 300 (FDMI); 4 holes; M6
Ingress Protection	IP40 (front); IP20 (back)

Green Features

Energy Efficiency	Ambient light sensor; Annual energy consumption: 111 kWh (based on 4 operating hours per day); Carbon savings meter; ECOMode; Energy efficiency class: A
Ecological Materials	Manuals on CD; Optional feet

Available Options

Accessories	Feet (ST-322); Speaker (SP-RM1, SP-TF1, SP-46SM); Wall mount (PDW S 32-55 L and P, PD02W T M L, PD03W T M P)
Option Slot	HD-SDI 1.5 and 3G; Intel Atom, Celeron and Core CPUs

Additional Features

Special Characteristics	Advanced fan control; Automatic Alarm E-Mails; Copy display settings through RS232; DICOM Simulation; Hardware colour calibration possible; Input name adjustment; Matrix memory; NaViSet Administrator 2; OSD rotation for portrait mode; PIN as theft protection; Scheduler; Screen saver functions; TileMatrix (10 x 10); User controllable back-up fans with 2 speeds; User input priority definition; Various picture in picture options
Colour Versions	Black Front Bezel, Black Back Cabinet
Safety and Ergonomics	C-tick; CE; FCC Class B; PSB; RoHS; TÜV GS; UL/C-UL or CSA; VCCI
Plug and Play	VESA DDC2Bi
Audio	Integrated Speakers (10 W + 10 W); Optional Speakers (15 W + 15 W)
Shipping Content	Display; DVI-D cable; Free LAN control software (download); Power Cable; Remote Control
Warranty	3 years warranty incl. backlight; additional services available; optional 4. + 5. year warranty extension
Operating Hours	24/7

CE C-tick FCC Class B RoHS TÜV GS VCCI

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