NEC MultiSync® V652

MultiSync® V652 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 NEC STv2 Slot (OPS compatible) 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 not exceeding 16/7 operation time.
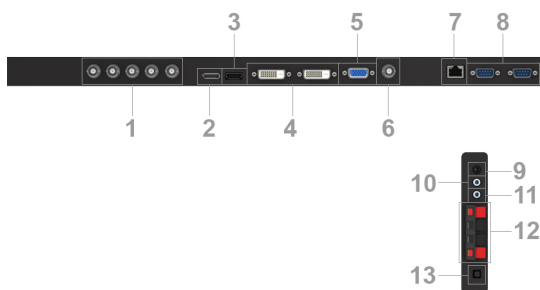
DELIVERING GENUINE BENEFITS

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

DICOM support- for medical applications.

LED Backlit LCD

OUTSTANDING PERFORMANCE

- **NEC unique thermal monitoring and control**. NEC pioneered advanced thermal control and monitoring for public displays which is still unmatched. It secures longevity and reliability even in very demanding installations.

- **NEC's STv2 Slot technology** which was developed in cooperation with Intel enables the user to integrate various option boards enhancing flexibility and future functionality.

- **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.

- **Integrated speakers** save installation costs and preserve the clean look of the display.

- **Daisy chaining via DVI** (max. 9 pieces) offering high flexibility at no extra cost if the signal needs to be passed on for videowalls or back-to-back installations.

- **Copy Settings** feature via RS232 to reduce installation cost for larger role outs.

1. RGB/HV IN [R, G, B, H, V] (BNC)

2. DISPLAYPORT connector

3. HDMI connector

4. DVI connector (DVI-D)

5. VGA IN (mini D-Sub 15 pin)

6. VIDEO1 IN connector (BNC)

7. LAN port (RJ-45)

8. RS-232C (D-Sub 9 pin)

9. REMOTE IN (Black)

10. AUDIO OUT (Blue)

11. AUDIO IN 1 (Blue)

12. EXTERNAL SPEAKER TERMINAL

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, PIN as theft protection, Rapid input switching, Scheduler, Screen saver functions, TileMatrix (10 x 10), User input priority definition, Various picture in picture options

Energy Efficiency — Ambient light sensor; Carbon savings meter; ECOMode

Ecological Materials — Optional feet; Manuals on CD

Technical Specification NEC MultiSync® V652	
DISPLAY	
Panel Technology	AMVA3 with Edge LED backlights
Active Screen Area (W x H) [mm]	1,428.5 x 803.5
Screen Size [inch/cm]	64.5 / 163.9
Aspect Ratio	16:9
Brightness (shipping) [cd/m²]	320, (450 max)
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
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 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 786; 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; Composite (BNC); RGBHV for PC and Component/Composite (BNC)
Input Video Digital	1 x DVI-D (with HDCP); 1 x HDMI 1.3 (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; 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 with SNMP; RS-232C (9-pin D-sub) Input and Output; Remote Control IR (internal/external (optional) sensor)
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 on Mode [W]	185 shipping; 360 (max.)
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: 1,428.5 x 909.2 x 88.3
Weight [kg]	Without stand: 52
Bezel Width [mm]	53.5 (left and right); 50.5 (top and bottom)
VESA Mounting [mm]	400 x 400 (FDMI); 4 holes; M8
AVAILABLE OPTIONS	
Option Slot	HDSDI 1.5 and 3G; Intel Atom, Celeron and Core CPUs
Accessories	Feet (ST-651); Speaker (SP-RM1); Speaker (SP-V65 SM); Wall mount (PDW 32-70 L +P)
ADDITIONAL FEATURES	
Colour Versions	Black Front Bezel, Black Back Cabinet
Safety and Ergonomics	CE; TÜV GS; C-tick; FCC Class B; UL/C-UL or CSA; PSB; VCCI; RoHS
Audio	Integrated Speakers (10 W + 10 W); Optional Speakers (15 W + 15 W)
Shipping Content	Display; DVI-D cable; Power Cable; Free LAN control software (download); Remote Control; CD-ROM (User Guides/Manuals)
Warranty	3 years warranty incl. backlight