\Orchestrating a brighter world

MultiSync® V552-DRD

LCD 55" Value Large Format Display

Datasheet





MultiSync ® V552-DRD provides a worry-free solution for retail environments, offering a comprehensive package of display and media player especially for digital signage installations. The media player based on ARM technology is capable of crisp high resolution video playback, while its open software platform offers adaption of third party software for unrivalled flexibility. Due to the careful selection of commercial-grade components, customers can benefit from optimum visual ergonomics and state-of-the-art connectivity at minimum expense. The superior build quality guarantee the first class performance you associate with NEC products.

Ideal for cost efficient digital signage, especially in retail environments, as well as 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.

Reliable colour reproduction – amazing viewing angles and hardware calibratable LUT for accurate image presentation.

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.

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

Mission-critical 24/7 ready operation – with reliable, industry grade components and NEC trusted performance.

Unrivalled flexibility – due to the media player open platform offering adaption of third party Android based software applications.

Straighforward content playback – due to the integrated media player for impressive high resolution video playback.

Product Information

Product Name	MultiSync® V552-DRD
Product Group	LCD 55" Value Large Format Display
Order Code	60003994

Display

Panel Technology	AMVA3 with Edge LED backlights
Active Screen Area (W x H) [mm]	1,209.6 x 680.4
Screen Size [inch/cm]	55 / 140
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

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; 1140 x 900; 1024 x 768; 800 x 600; 720 x 576; 720 x 480; 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); RGBHV for PC and Component/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; remote control wire (3,5mm jack); RS232
Output Video Digital	1 x DVI-D
Output Audio Analogue	3,5mm jack
Output Control	RS232
Remote Control	LAN with SNMP; Remote Control IR (internal/external (optional) sensor); RS-232C (9-pin D-sub) Input and Output

Electrical

Power Consumption [W]	108 Eco (shipment setting), 130
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: 1,249.7 x 720.5 x 63.5
Weight [kg]	Without stand: 26.5
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)

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; Scheduler; Screen saver functions; TileMatrix (10 x 10); User input priority definition
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

Available Options

Accessories	Feet (ST-4620); Speaker (SP-RM1, SP-TF1, SP-55SM); Trolley (PDMHM-L); Wall mount (PDW S 32-55 L and P, PD02W T L L, PD03W T M P)
Option Slot	HD-SDI 1.5 and 3G; Intel Atom, Celeron and Core CPUs

Green Features

Energy Efficiency	Ambient light sensor; Annual energy consumption: 157 kWh (based on 4 operating hours per day); Carbon savings meter; ECOMode; Energy efficiency class: A
Ecological Materials	Manuals on CD; Optional feet

OPS-DRD

CPU	ARM Cortex-A7 Quad Core, 1 x 1.0 GHz
Graphics	Integrated Power VR SGX544 MP2, Eight logic cores
RAM	2 GB Dual Channel DDR3-1333
Storage	8 GB NAND Flash
Data Storage extension	SD Card Slot (1GB - 64GB); USB 1.0 / 2.0 (2GB - 128GB)
Operating System	Android Jelly Bean 4.2.2
Interfaces Frontside	2 x USB 2.0; RJ45 10/100/1000 Mbps; SD Card Slot (SD, SDHC); W-LAN antenna 802.11/b/g/n
Interfaces Backside	3 x USB 2.0; HDMI; L/R Audio; RS232 Via Internal OPS-interface (JAE 80-pin)
Supported Video Resolutions	1080p @ 50/60 Hz (default); 720p @ 50/60 Hz
Supported Video Formats	H.264 BP/MP/HP WMV7/8; MPEG1; MPEG2; MPEG4 SP/ASP GMC; PEG/MJPEG; VP6/8; WMV9/VC1 BP/MP/AP; XVID H.263 including Sorenson Spark
Supported Audio Codecs	AAC; AC3; Dolby Digital 5.1/7.1; Dolby True HD 5.1/7.1; DTS-HR; DTS-MA; MP3

This document is © 2017 NEC Display Solutions Europe GmbH.

All rights reserved in favour of their respective owners. All hardware and software names are brand names and/or registered trademarks of the respective manufacturers. All specifications are subject to change without notice. Errors and omissions are excepted. 01.06.2017