SHARP / NEC

MultiSync® V404-BS

LCD 40” Midrange Large Format Display (incl. BrightSign Player)

Datasheet





Your first choice for digital signage - NEC displays powered by BrightSign

Seamless digital signage delivers relevant content designed to inform, entertain, direct or inspire audiences, alongside cost saving operational efficiencies.

The BrightSign OPS Media Player enables you to deploy signage with constantly updated information, real-time content adaption and scheduling. Integrated with multiple CMS and Partner system applications, achieving effective digital signage has never been so simple!

Convincing visibility under common light conditions is guaranteed thanks to the combination of a brightness output of 500 cd/m² and an anti-glare surface. The modern and slim design is the perfect fit to complement the surrounding architecture as well as for integration into any application and environment.

The 40” MultiSync® V404-BS is the perfect choice for shorter viewing distances or big messages in retail environments, leisure and museum applications, quick service restaurants, for corporate information and all other public spaces.

Benefits

Reliable colour reproduction – due to 10-bit colour performance, extreme viewing angles and hardware calibratable LUT, viewers benefit from consistently accurate image rendering.

Modern and slim design – robust yet elegant allowing for an unobtrusive integration into any application and environment.

All-in-one Signage solution integrated – the integrated mediaplayer for simple signage use supports easy content playback and management.

Mission-critical 24/7 ready operation – the meticulous selection of industrial-grade components and careful design focused on demanding usage scenarios accompany an impressive and continuous viewer experience.

Ease of use and operation – smart installation, operation and maintenance functionality ensures accurate performance over the entire lifetime of the display saving time, effort and resources.

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® V404-BS
Product Group	LCD 40" Midrange Large Format Display (incl. BrightSign Player)
Order Code	40001471

Display

Panel Technology	S-PVA with edge LED backlights
Active Screen Area (W x H) [mm]	885.6 x 498.2
Screen Size [inch/cm]	40 / 101.6
Brightness [cd/m²]	500, 350 Eco (shipment setting)
Contrast Ratio (typ.)	4000:1
Viewing Angle [°]	178 / 178 (at contrast ratio > 10:1)
Colour Depth [bn]	1.073 (10bit)
Response Time (typ.) [ms]	8 (grey-to-grey)
Haze Level [%]	Pro (25)
Supported Orientation	Landscape, Portrait, Face Up, Face Down

Synchronisation Rate

Horizontal Frequency [kHz]	31.5 - 91.1 (analog and digital)
Vertical Frequency [Hz]	24 - 85

Resolution

Native Resolution	1920 x 1080			
Supported Resolutions	4096 x 2160; 3840 x 2160; 1920 x 2160; 1920 x 1200; 1920 x 1080;	1680 x 1050; 1600 x 1200; 1440 x 900; 1400 x 1050; 1366 x 768;	1360 x 768; 1280 x 1024; 1280 x 960; 1280 x 800; 1280 x 720;	1024 x 768; 800 x 600; 640 x 480

Connectivity

Input Video Analogue	1 x VGA
Input Video Digital	1 x DVI-D (with HDCP); 2 x DisplayPort (with HDCP); 2 x HDMI (with HDCP)
Input Audio Analogue	2 x 3,5 mm jack
Input Audio Digital	2 x DisplayPort; 2 x HDMI
Input Control	1 x LAN 100Mbit; 1 x Remote Control (3.5 mm jack); 1 x RS232
Input Data	1 x microSD (MediaPlayer); 1 x USB 2.0 (MediaPlayer); 1 x USB 2.0 (Service); 1 x USB Type-B (Upstream); 2 x USB 2.0 (Compute Module, 1 x 5V/2A powered)
Output Video Digital	1 x DisplayPort (loop through: DisplayPort, OPS slot-in PC)
Output Audio Analogue	1 x 3,5 mm jack
Output Control	1 x LAN 100Mbit

Open Modular Intelligence

OPS Slot	Slot Technology: Open pluggable specification (NEC / Intel OPS standard)
OPS Max. Current / Power Consumption [A / W]	10 / 61
Compute Module Slot	Slot Technology: Compute Module Slot (NEC proprietary standard)

Sensors

Ambient Light Sensor	Integrated, triggered actions programmable

Human Sensor	Optional, external, 4-5m range, triggered actions programmable
Temperature Sensor	Integrated, 3 sensors, triggered actions programmable
NFC Sensor	Integrated, 2cm range, free NEC Android App required

Electrical

Power Consumption Eco/max. [W]	75 Eco (shipment setting), 95
Power Savings Mode [W]	< 0.5 (ECO Standby); < 3 (Networked Standby)
Power Management	VESA DPMS

Environmental Conditions

Operating Temperature [°C]	+0 to +40
Operating Humidity [%]	20 to 80

Mechanical

Dimensions (W x H x D) [mm]	918 x 530.6 x 54.7
Weight [kg]	14.5
Bezel Width [mm]	13.2 (left and right); 13.2 (top and bottom)
VESA Mounting [mm]	300 x 300 (FDMI); 4 holes; M6
Ingress Protection	IP5X (front); IP2X (back)

MediaPlayer

Supported File Storage / File System	MicroSDHC / FAT16, FAT32; USB 2.0 / FAT16, FAT32
Supported Image Formats	JPG (baseline, progressive, RGB, CMYK); max. resolution 5000 x 5000; PNG (interlace, alpha channel); max. resolution 4000 x 4000
Supported Video Formats	MP4 / MOV / FLV (video H.264, audio MP3, AAC); max. resolution 1080p at 30 Hz, 1080i at 60 Hz; MPG (video mpeg1/2, audio mpeg audio layer2/3, AAC-LC); MP @ ML, MP @ HL; WMV (video H.264, wmv advanced L3, wmv simple / main, audio mp3 wmv std); max. resolution 1080p at 30 Hz, 1080i at 60 Hz
Supported Audio Formats	MP3 (MP3); max. bit-rate 320 kBit/s; WAV (LPCM); max. 48 kHz sampling

Available Options

Accessories	Feet (ST-401); Speaker (SP-TF1, SP-RM3); Trolley (PDMHM-L); Wall mount (PDW S 32-55 L and P, PD02W T M L, PD03W T M P)
Compute Module Slot	NEC Compute Module; Raspberry Pi Compute Module 1 and 3
OPS Slot	OPS Digital Signage Player

Green Features

Energy Efficiency	Ambient light sensor; Annual energy consumption: 124 kWh (based on 4 operating hours per day); Carbon savings meter; ECOMode; Energy efficiency class: C; Human Sensor
Ecological Materials	Manuals on CD; Optional feet
Ecological Standards	EnergyStar 7.0

Additional Features

Special Characteristics	Ambient Light Sensor; AMX NetLinx Support; ASCII Control Commands; Auto ID assignment; Auto tiling function; Automated Email Alert; CEC Support; Cisco Webex Kit compatible; Crestron RoomView Support; DICOM Simulation; Display Browser Control; Emergency Notification; Full System Scheduler; Hardware colour calibration possible; Image flip; Intelligent Wireless Data (based on NFC); KeyGuide; MediaPlayer with Browser Control; NaViSet Administrator 2; OmniColor Control; OSD rotation for portrait mode; PJLink Support; Point Zoom Function; Powered USB-Port; Programmable 12-bit LUT with 3 memory banks; Removable Logo; Secure Mode Operation; Slim LED Indicator; SNMP Support; TileMatrix (10 x 10); User readable log function; Various picture in picture options
Colour Versions	Black Front Bezel, Black Back Cabinet; optional coloured overframes
Safety and Ergonomics	C-tick; CE; EMC Class B; FCC; PSB; RoHS; TÜV GS; UL/C-UL or CSA; VCCI
Pixel Failure Class	ISO 9241-307, Class 2
Audio	Integrated Speakers (10 W + 10 W); Optional Speakers (15 W + 15 W)
Shipping Content	8GB Class10 Micro SDHC Card; BrightSign HO523 OPS Media Player; CD-ROM (User Guides/ Manuals); Display; HDMI Cable; 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 RoHS TÜV GS VCCI

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