Product Information Sheet

V484 - LCD 48" Value Large Format Display
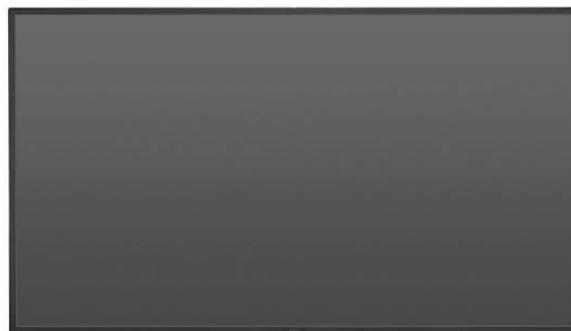
Your first choice for digital signage

Benefit from worry free operation with NEC's new V484, achieving impressive professional Digital Signage results yet at the lowest operational investment.

Perfect readability under common light conditions is guaranteed thanks to the combination of a brightness output of 500 cd/m² with 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 wide range of connectivity options and compatibility with high resolution signals up to 4K/60Hz secure a futureproof investment providing a longlasting success story. The Open Modular Intelligence (OMI) approach is the smartest way to deliver tailor-made Signage Solutions, where scalable computing power such as Raspberry Pi compute modules or OPS Slot-in PCs are seamlessly embedded into the display.

The 48" V484 is the perfect choice for short and medium viewing distances and big messages in retail applications, leisure and museum environments, quick service restaurants, for corporate signage and all other public spaces.

Benefits

- **Modern and slim design** – robust yet elegant allowing for an unobtrusive integration into any application and environment.
- **Reliable colour reproduction** – due to 10-bit colour performance, extreme viewing angles and hardware calibratable LUT, viewers benefit from consistently accurate image rendering.
- **Future Ready with Open Modular Intelligence Expansion** – upgrade the power of your display at any time by seamlessly integrating one of NEC's options for OPS Slot-in PCs, Raspberry Pi compute modules or signal interfaces for content feed and computing.
- **All-in-one Signage solution integrated** – the integrated mediaplayer for simple signage use supports easy content playback and management.
- **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.
- **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.

- **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	V484
Product Group	LCD 48" Value Large Format Display
Order Code	V484

Display

Panel Technology	S-PVA with edge LED backlights
Active Screen Area (W x H) [mm]	1,054.1 x 592.9
Screen Size [inch/cm]	48 / 120.9
Brightness [cd/m²]	500, 350 Eco (shipment setting)
Contrast Ratio (typ.)	4000:1
Viewing Angle [°]	178° Vert., 178° Hor. at CR>10
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]	15.625 / 15.734, 31.5 - 91.1
Vertical Frequency [Hz]	50.0 - 85.0 (Analog Input) / 24.0 - 85.0 (Digital Input)

Resolution

Native Resolution	1920 x 1080
Supported Resolutions on HDMI	4096 x 2160 at 24Hz; 3840 x 2160 at 60/30/25/24Hz; 1920 x 1080 at 60 Hz; 1080p, 1080i, 720p at 60/50Hz; 576p at 50Hz; 576i at 50Hz; 480p at 60Hz; 480i at 60Hz

Connectivity

Input Video Analogue	1 x VGA ; 1 x Composite (RCA)
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)

NEC

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 [W]	85 (Normal Operation)
Power Savings Mode [W]	3 (Networked Standby); < 0.5 (ECO 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]	1,086.5 x 625.3 x 54.7
Weight [kg]	17.6
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)

Additional Features

Special Characteristics	Ambient Light Sensor; AMX NetLinx Support; ASCII Control Commands; Auto ID assignment; Auto tiling function; Automated Email Alert; CEC Support; Crestron RoomView Support; DICOM support; 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;
Safety and Ergonomics	C-tick; CE; EMC Class B; FCC; PSB; RoHS; TÜV GS; UL/C-UL or CSA; VCCI
Audio	Integrated Speakers (10 W + 10 W); Optional Speakers (15 W + 15 W)
Shipping Content	CD-ROM (User Guides/Manuals); Display; DVI-D cable; Power Cable; Remote Control
Warranty	3 years conditional warranty; additional services available; optional 4. + 5. year warranty extension
Operating Hours	24/7

Available Options

Accessories	Wall Mount (LCM1U, MCM1U, RXF2, RXT2, LSM1U, LTM1U, MTMP1U, TS525TU). Stand ST-401. Speaker (SP-484SM)
Compute Module Slot	NEC RPI3CM-IF Bundle (Custom NEC Raspberry Pi Compute Module 3, with NEC IF10CE Interface Board)
OPS Slot	HD-SDI inputs (SB-01HC for 1.5G, SB-04HC for 3G, SB-09HC for Quad SDI), HD-Base-T input (SB-07BC), Celeron OPS PC's, Intel Core i5 OPS PC's

MediaPlayer

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	.mpg, .mpeg, .wmv, .mov, .flv, .f4v (H.264: 1080p at 30fps / 1080i at 60fps; MP2: MP at ML, MP at HL)

Supported Audio Formats	.wav, .mp3 (Sampling up to 48kHz) (Bit rates: MP2 - Up to 384 kbps, MP3 - Up to 320 Kbps, ACC - Up to 1440 Kbps)
Supported File Storage / File System	MicroSDHC / FAT16, FAT32; USB 2.0 / FAT16, FAT32

Green Features

Energy Efficiency	Ambient light sensor; Annual energy consumption: 146 kWh (based on 4 operating hours per day); Carbon savings meter; ECOMode; Energy efficiency class: B; Human Sensor
Ecological Materials	Manuals on CD; Optional feet
Ecological Standards	EnergyStar 7.0

For more information, visit au.nec.com, email contactus@nec.com.au or call 131 632

Corporate Headquarters (Japan)	**Australia**	**North America (USA)**	**Asia Pacific (AP)**	**Europe (EMEA)**
NEC Corporation	NEC Australia Pty Ltd	NEC Corporation of America	NEC Asia Pacific	NEC Enterprise Solutions
www.nec.com	au.nec.com	www.necam.com	sg.nec.com	www.nec-enterprise.com

v.22.02.18 I V484 Value Large Format Display

NEC