

Product Information Sheet

V404-T - LCD 40" Large Format Infrared Touch Display



Interactive Digital Signage goes plug and play

The interactive touch NEC V404-T display delivers a satisfying user experience with fast and precise touch performance. Even in bright conditions the display demonstrates strong light resistance to maintain high reliability and accuracy. It's swift and smooth touch response is ideal for kiosk, wayfinding or self-order applications thanks to an improved touch and writing performance. Supporting both single and multi-user applications, usage is versatile with 10 simultaneous touch points. Crisp and clear images and readability from different viewing angles and distances are guaranteed by combining brightness levels of 440 cd/m² with the anti-reflective and super robust glass surface.

The interactive 40" display is designed for retail, hospitality and transportation use to take orders, assist shoppers, guide travellers and track the growing trend of interactivity in our daily lives.

Benefits

- **Inspiring touch performance boosts user experience** – the fast, stable and robust touch performance supports up to 10 touch points.
- **Resilient and durable design** – the 4mm thermal tempered protective glass with single sided anti-glare coating withstands vandalism and ensures perfect readability with reduced reflection and minimal visibility of finger prints.
- **Simple Plug & Play** – easy set-up without the need to install any drivers on the host PC for all major operating systems.
- **Operational safety even in bright environments** – the strong light resistance provides high reliability and accuracy even under difficult, brightly-lit conditions.
- **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.
- **Future Ready with OPS Cable Free Expansion** – upgrade the power of your display at any time while seamlessly integrating one of our various Slot-in PCs, signal interfaces and other OPS compatible products without the need for external cables or devices.
- **Cost Saving Device Management** – save effort whilst managing all connected NEC devices from a centralised location by using the NaViSet Administrator 2 software tool.

Product Information

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|---------------|--|
| Product Name | V404-T (Infrared Touch) |
| Product Group | LCD 40" Value Large Format Touch Display |
| Order Code | V404-T |

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/m ²] | 440 |
| 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 | Face Up; Landscape; Portrait |

Synchronisation Rate

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

Resolution

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|-----------------------|---|
| 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

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|-----------------------|---|
| 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

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|--|--|
| 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

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|----------------------|--|
| 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 |

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NFC Sensor Integrated, 2cm range, free NEC Android App required

Electrical

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

Environmental Conditions

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|----------------------------|-----------|
| Operating Temperature [°C] | +0 to +35 |
| Operating Humidity [%] | 20 to 80 |

Mechanical

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|-----------------------------|--|
| Dimensions (W x H x D) [mm] | 954.4 x 567 x 77.7 |
| Weight [kg] | 22.7 |
| Bezel Width [mm] | 33.4 (left and right); 33.4 (top and bottom) |
| VESA Mounting [mm] | 300 x 300 (FDMI); 4 holes; M6 |
| Ingress Protection | IP5X (front); IP2X (back) |

Glass

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|------------------------|--------------------------------------|
| Thickness [mm] | 4 |
| Type | Thermal-tempered, anti-glare coating |
| Light Transmission [%] | 88 (+/- 0 %) |

Touch

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|----------------------------|---|
| Touch Technology | Infrared Touch |
| Number of Touches | Real multi-touch up to 10 touches |
| Response Time [ms] | ≤ 15 |
| Touch Method | Finger; Gloves; Stylus (≥ 6 mm) |
| Supported Operating System | Android; Linux; Mac OS; Raspberry Pi; Windows |
| Data Interface | USB-HID |
| Touch Resolution | 32767 x 32767 |

Additional Features

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|-------------------------|---|
| 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; PLink 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; EAC; EMC Class B; FCC; PSB; RoHS; SASO; TÜV GS; UL/C-UL; 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; USB cable; User Manual |
| Warranty | 3 years conditional warranty |
| Operating Hours | 24/7 |

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Available Options

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|---------------------|---|
| Accessories | Wall Mount (MSM1U, MTMU, LTMPU, RMF2 & RMT2). Stand ST-401. Speaker (SP-TF1) |
| 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

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|--------------------------------------|---|
| 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 |
| Supported File Storage / File System | MicroSDHC / FAT16, FAT32; USB 2.0 / FAT16, FAT32 |

Green Features

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|----------------------|--|
| Energy Efficiency | Ambient light sensor; Annual energy consumption: 124 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 |

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

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