

# ViewSonic® LCD DISPLAY TD2421

## Key Features

- SuperClear® technology
- Full HD 1080p resolution
- Supports Windows® 7/8/10
- HDMI, VGA and DVI inputs
- Dual integrated speakers



## Product Description

Great for public kiosks, POS displays, and other retail and commercial applications, the ViewSonic® TD2421 dual-point optical touch monitor lets users execute two-finger pinches, taps, and swipes for fast and intuitive navigation. With Full HD 1920x1080 resolution, 3000:1 static contrast ratio, and SuperClear® MVA technology, the TD2421 delivers stunning brightness and contrast with amazing screen performance at nearly any viewing angle. Flexible connectivity options include HDMI, VGA, DVI, and USB ports, and a VESA-mountable design offers additional convenience for use as a wall-mounted display. Whether in retail or deployed in a high-traffic commercial setting, its scratch-resistant surface stands up to heavy use and safeguards its high quality touch experience.

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**DISPLAY**

|                              |                                                        |
|------------------------------|--------------------------------------------------------|
| Display Size (in.):          | 24                                                     |
| Viewable Area (in.):         | 23.6                                                   |
| Panel Type:                  | VA Technology                                          |
| Resolution:                  | 1920 x 1080                                            |
| Resolution Type:             | FHD                                                    |
| Static Contrast Ratio:       | 3,000:1 (typ)                                          |
| Dynamic Contrast Ratio:      | 50M:1                                                  |
| Light Source:                | LED                                                    |
| Colours:                     | 16.7M                                                  |
| Colour Space Support:        | 8 bit (6 bit + Hi-FRC)                                 |
| Brightness:                  | 200 cd/m <sup>2</sup>                                  |
| Aspect Ratio:                | 16:9                                                   |
| Response Time (Typical GTG): | 25ms                                                   |
| Response Time (GTG w/OD):    | 5ms                                                    |
| Viewing Angles:              | 178° horizontal, 178° vertical                         |
| Backlight Life (Hours):      | 40000 Hrs (Min)                                        |
| Curvature:                   | Flat                                                   |
| Refresh Rate (Hz):           | 60                                                     |
| Flicker-Free:                | Yes                                                    |
| Colour Gamut:                | NTSC: 72% size (Typ)                                   |
| Pixel Size:                  | 0.272 mm (H) x 0.272 mm (V)                            |
| Touch Screen:                | Optical, 2-point multi touch[ <a href="#">note_1</a> ] |
| Surface Treatment:           | Glossy, Hard Coating (7H)                              |
| Cover Glass Thickness:       | 1.88 mm                                                |

**INPUT**

|                      |                                                |
|----------------------|------------------------------------------------|
| Analog:              | VGA                                            |
| Digital:             | DVI / HDMI                                     |
| Sync:                | Separate Sync / Composite Sync / Sync on Green |
| Frequency (Fh / Fv): | 24 ~82 kHz / 50 ~75 Hz                         |

**COMPATIBILITY**

|      |           |
|------|-----------|
| PC:  | 1920x1080 |
| Mac: | 1920x1080 |

**CONNECTOR**

|                           |                                      |
|---------------------------|--------------------------------------|
| Analog:                   | VGA x1                               |
| Digital:                  | DVI x1/ HDMI Ver 1.4 x1              |
| Audio In:                 | 3.5mm jack x1                        |
| Audio out (Earphone out): | 3.5mm jack x1                        |
| USB:                      | Up stream x1, Down stream USB 2.0 x2 |
| Power:                    | Internal Power Board                 |

**AUDIO**

|          |       |
|----------|-------|
| Speaker: | 2W x2 |
|----------|-------|

**POWER**

|              |                                           |
|--------------|-------------------------------------------|
| Voltage:     | AC 100-240V (Universal); 50/60 Hz         |
| Consumption: | 16.5W; optimize : 13.5W; conserve : 11.5W |
| Save mode:   | ≤0.5 W                                    |

**ERGONOMICS**

|       |           |
|-------|-----------|
| Tilt: | 22° ~ -6° |
|-------|-----------|

**OPERATING CONDITIONS**

|                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|--------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Temperature (° F / ° C): | 32°F to 104°F (0°C to 40°C)                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Humidity:                | 20% to 90% (no condensation)<br>Due to optical technology limitations, light containing infrared (IR), such as sunlight and incandescent bulbs, might impact touch functions.<br>Therefore, the TD2220/TD2421 is not recommended for use in outdoor environments and the screen should be placed at a perpendicular angle to the desktop.<br>Do not place the display flat on the desktop to avoid light affecting the optical touch accuracy. |

**DIMENSIONS**

|           |                         |
|-----------|-------------------------|
| Physical: | 571.08 x 392.2 x 240 mm |
|-----------|-------------------------|

**WEIGHT**

|      |         |
|------|---------|
| Net: | 5.163kg |
|------|---------|

**REGULATIONS**

cULus, FCC-B, ICES003, Energy Star 8.0, CEC, S-mark, MX-CoC, Mexico Energy, REACH, WEEE, VCCI, PSE, KC, e-Standby, BIS, CCC, China RoHS, China Energy Label

**WALL MOUNT**

|       |            |
|-------|------------|
| VESA: | 100x100 mm |
|-------|------------|

**PACKAGE CONTENTS**

LCD Display / Power Cable / VGA Cable / DVI Cable / USB2.0 Upstream Cable / Audio Cable / Quick Start Guide / ViewSonic Wizard CD-ROM