TOUCHSCREENS

## INFORMATION

# 24” DeepContrast PCAP+ 10pt touchscreen monitor featuring IPS panel technology, Edge-to-Edge glass design, anti-fingerprint and anti-glare coating

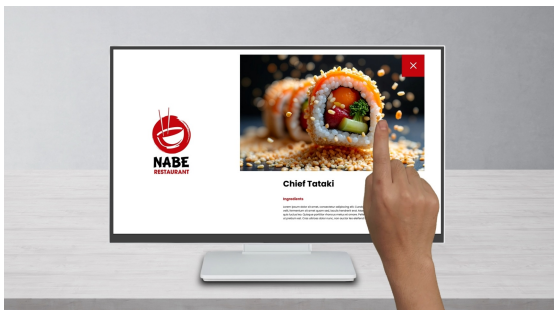
Enjoy smooth and intuitive control with the ProLite T2452MSC-W1AG, a 24" Full HD touchscreen built for natural and precise touch. Its DeepContrast PCAP+ (Projective Capacitive) 10-point touch technology ensures instant responsiveness, vivid contrast and reduced reflections thanks to optical bonding, in addition, the display is protected from moisture and potential condensation development. The anti-fingerprint and anti-glare coating keeps the screen clean and easy to read, while the IPS panel delivers rich colours and consistent image quality from any angle.

Designed for comfort and efficiency, the adjustable stand supports ergonomic positioning, and the integrated cable management system keeps your workspace neat. With built-in audio and versatile connectivity (HDMI, DisplayPort, USB 3.2 hub), it offers a clean and flexible setup. Sleek edge-to-edge glass and a refined white design make it as stylish as it is functional – perfect for interactive signage, retail, POS, hospitality and creative spaces.

## FEATURES

### Vivid colors and wide viewing angles

Ensure perfect visibility from any position - The IPS panel delivers vivid, consistent colors and wide viewing angles, ideal for dynamic retail environments and busy commercial spaces.




### Responsive interaction and good protection

Featuring intuitive DeepContrast PCAP+ touch technology with Optical Bonding, the screen offers smooth and responsive interaction with reduced glare, while remaining protected from moisture and condensation. Perfect for high-use environments.

### Deep contrast and less reflections

Enjoy crystal-clear visuals with deep contrast and less glare - the optical bonded touch panel ensures sharp, easy-to-read content, even under bright retail lighting.

### Always clear, always clean

The scratch-resistant, anti-fingerprint coating keeps the screen looking clear and professional even in busy retail settings, reducing visible smudges and protecting the surface from daily wear - your content always shines and the display stays easy to clean.

## SPECIFICATION

### 01 DISPLAY CHARACTERISTICS

| | |
|---|---|
| **Design** | Edge to edge glass |
| **Diagonal** | 24", 60.5cm |
| **Panel** | IPS |
| **Native resolution** | 1920 x 1080 @100Hz (2.1 megapixel Full HD) |
| **Aspect ratio** | 16:9 |
| **Panel brightness** | 400 cd/m² |
| **Brightness** | 345 cd/m² with touch |
| **Light transmittance** | 86% |
| **Static contrast** | 1000:1 with touch |
| **Response time (GTG)** | 5ms |
| **Viewing zone** | horizontal/vertical: 178°/178°, right/left: 89°/89°, up/down: 89°/89° |
| **Colour support** | 16.7mln |
| **Horizontal Sync** | 30 - 83kHz |
| **Viewable area W x H** | 527 x 296.5mm, 20.7 x 11.7" |
| **Pixel pitch** | 0.275mm |
| **Bezel colour and finish** | white, matte |

### 02 TOUCH

| | |
|---|---|
| **Touch technology** | DeepContrast-PCAP+ |
| **Touch points** | 10 (HID, only with supported OS) |
| **Touch accuracy** | +- 2mm |
| **Touch method** | stylus, finger, glove (latex) |
| **Touch interface** | USB |
| **Supported operating systems** | All iiyama monitors are Plug & Play and compatible with Windows and Linux. For details regarding the supported OS for the touch models, please refer to the driver instruction file available in the downloads section. |
| **Palm rejection** | yes |

### 03 INTERFACES / CONNECTORS / CONTROLS

| | |
|---|---|
| **Digital signal input** | HDMI x1<br>DisplayPort x1 |
| **Audio output** | Mini jack x1<br>Speakers 2 x 1W |
| **HDCP** | yes |
| **USB HUB** | x2 (v.3.2 (Gen 1, 5Gbit)) |

### 04 FEATURES

| | |
|---|---|
| **Extra** | DeepContrast PCAP+ (optical Bonding PCAP), anti-fingerprint, anti glare coating, touch support with gloved hand (thickness +2mm) |
| **Glass hardness** | 7H |
| **OSD key lock** | yes |

## 05 GENERAL

| | |
|---|---|
| **OSD languages** | EN, DE, FR, ES, IT, PT, RU, JP, NL, PL |
| **Control buttons** | Menu, scroll up / ECO, scroll down / volume, select / input, power |
| **User controls** | Picture adjust (brightness, contrast, i-Style Color, adv. contrast, ECO, OverDrive, X-Res technology), color settings (gamma, RGB range, color temp.), image settings (video mode adjust, blue light reducer, sharp and soft), OSD (horizontal pos., vertical pos., OSD time, OSD background, language, display information), extra (reset, DDC/CI, signal select, volume, mute, led, opening logo, touch switch) |
| **Convenience** | Kensington-lock™ prepared |
| **Blue light reducer** | yes |
| **Flicker free** | yes |
| **Plug&Play** | DDC2B |

## 06 MECHANICAL

| | |
|---|---|
| **Orientation** | landscape, face-up |
| **Tilt angle** | 90° up; 5° down |
| **VESA mounting** | 100 x 100mm |
| **Cable management system** | yes |
| **MTBF** | 50000 hours (excluding backlight) |

## 07 ACCESSORIES INCLUDED

| | |
|---|---|
| **Cables** | power (1.8m), USB (1.5m), HDMI (1.5m) |
| **Guides** | quick start guide, safety guide |
| **Other** | Screwdriver |
| **Cable cover** | yes |

## 08 POWER MANAGEMENT

| | |
|---|---|
| **Power supply unit** | internal |
| **Power supply** | AC 100 - 240V, 50/60Hz |
| **Power usage** | 16W typical, 1.5W stand by, 0.3W off mode |

## 09 SUSTAINABILITY

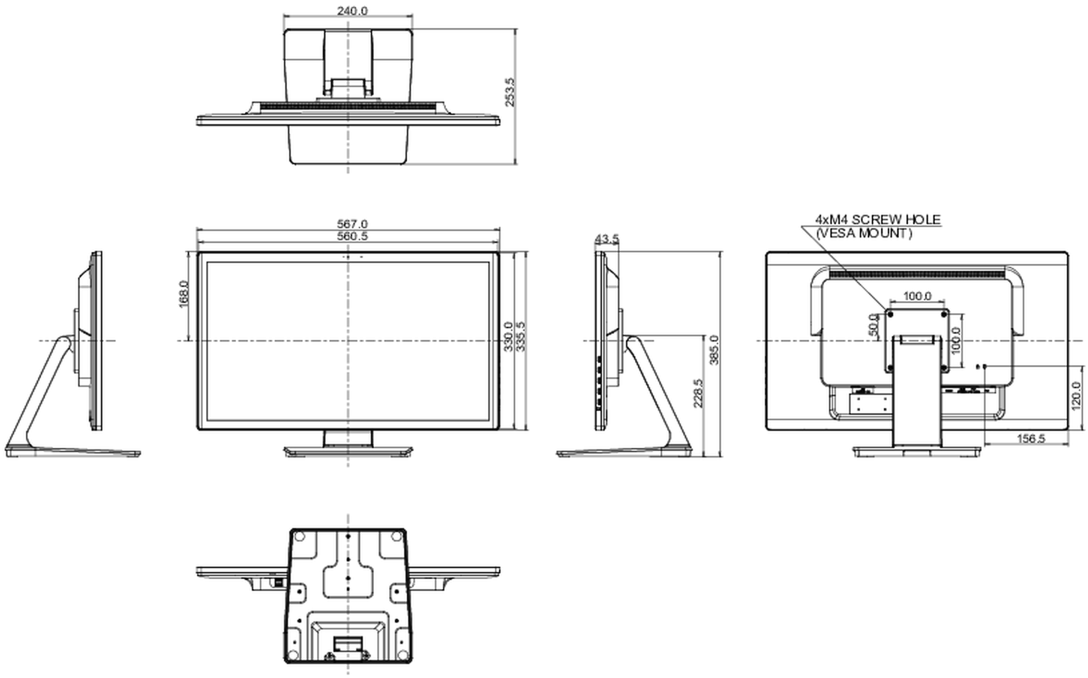
| | |
|---|---|
| **Regulations** | CE, TÜV-Bauart, EAC, RoHS support, ErP, WEEE, REACH, UKCA, cTUVus |
| **Energy efficiency class (Regulation (EU) 2017/1369)** | E |
| **REACH SVHC** | above 0.1%: Lead |

## 10 DIMENSIONS / WEIGHT

| | |
|---|---|
| **Product dimensions W x H x D** | 567 x 385 x 253.5mm |
| **Box dimensions W x H x D** | 635 x 405 x 143mm |
| **Weight (without box)** | 5.6kg |
| **Weight (with box)** | 7.2kg |
| **EAN code** | 4948570127207 |

## 11 EU ENERGY EFFICIENCY LABEL

| | |
|---|---|
| **Energy efficiency class (Regulation (EU) 2017/1369)** | E |



## GALLERY

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