



**23.8" PCAP 10pt touchscreen monitor featuring IPS panel technology, Edge-to-Edge glass design and anti fingerprint coating**

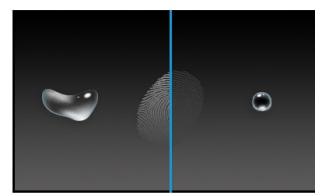
The ProLite T2452MSC-B1 with its Full HD (1920x1080) resolution and accurate PCAP 10 point touch technology, delivers a seamless and accurate touch response. Featuring IPS LCD screen technology, it offers exceptional colour performance and wide viewing angles. A special Nano coating ensures a smoother touch and less resistance in the swipe. It makes the screen less static and susceptible to dirt, dust and fingerprints. A solid and steady base supports the touchscreen with an adjustable stand. Multiple inputs (HDMI, DP) are available for flexible connectivity along with USB for the touch interface. A perfect choice for a vast array of applications.

Available also in white : [ProLite T2452MSC-W1](#)



**Touch technology - Capacitive**

This technology uses a sensor-grid of micro-fine wires integrated into the glass that covers the screen. Touch is detected because electrical characteristics of the sensor grid change when human finger is placed on the glass. Thanks to the glass overlay this technology is highly durable, and the touch function remains unaffected even if the glass is scratched. It offers perfect picture performance and will work with human finger (also latex gloved) and stylus-pen.



**Anti-fingerprint coating**

This special Nano coating ensures a smoother touch and less resistance in the swipe. It makes the screen less static and susceptible to dirt, dust, fingerprints and it improves the clarity of the content displayed on the screen.

## 01 DISPLAY CHARACTERISTICS

|                         |   |
|-------------------------|---|
| Design                  | Edge to edge glass  |
| Diagonal                | 23.8", 60.5cm   |
| Panel                   | IPS   |
| Native resolution       | 1920 x 1080 @60Hz (2.1 megapixel Full HD)                             |
| Aspect ratio            | 16:9  |
| Panel brightness        | 400 cd/m <sup>2</sup>   |
| Brightness              | 360 cd/m <sup>2</sup> with touch                                      |
| Light transmittance     | 90%   |
| Static contrast         | 1000:1  |
| Response time (BTB)     | 14ms  |
| Viewing zone            | horizontal/vertical: 178°/178°, right/left: 89°/89°, up/down: 89°/89° |
| Colour support          | 16.7mIn 8bit  |
| Horizontal Sync         | 30 - 83kHz  |
| Viewable area W x H     | 527 x 296.5mm, 20.7 x 11.7"   |
| Pixel pitch             | 0.274mm   |
| Bezel colour and finish | black, matte  |

## 02 TOUCH

|                             |   |
|-----------------------------|---|
| Touch technology            | projective capacitive   |
| 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 |
| USB HUB              | x2 (v.3.2 (Gen 1, 5Gbit))       |

## 04 FEATURES

|                |                          |
|----------------|--------------------------|
| Extra          | anti-fingerprint coating |
| 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

|               |                                   |
|---------------|-----------------------------------|
| Tilt angle    | 90° up; 5° down                   |
| VESA mounting | 100 x 100mm                       |
| MTBF          | 50000 hours (excluding backlight) |

## 07 ACCESSORIES INCLUDED

|        |                                 |
|--------|---------------------------------|
| Cables | power, USB, HDMI                |
| Guides | quick start guide, safety guide |

## 08 POWER MANAGEMENT

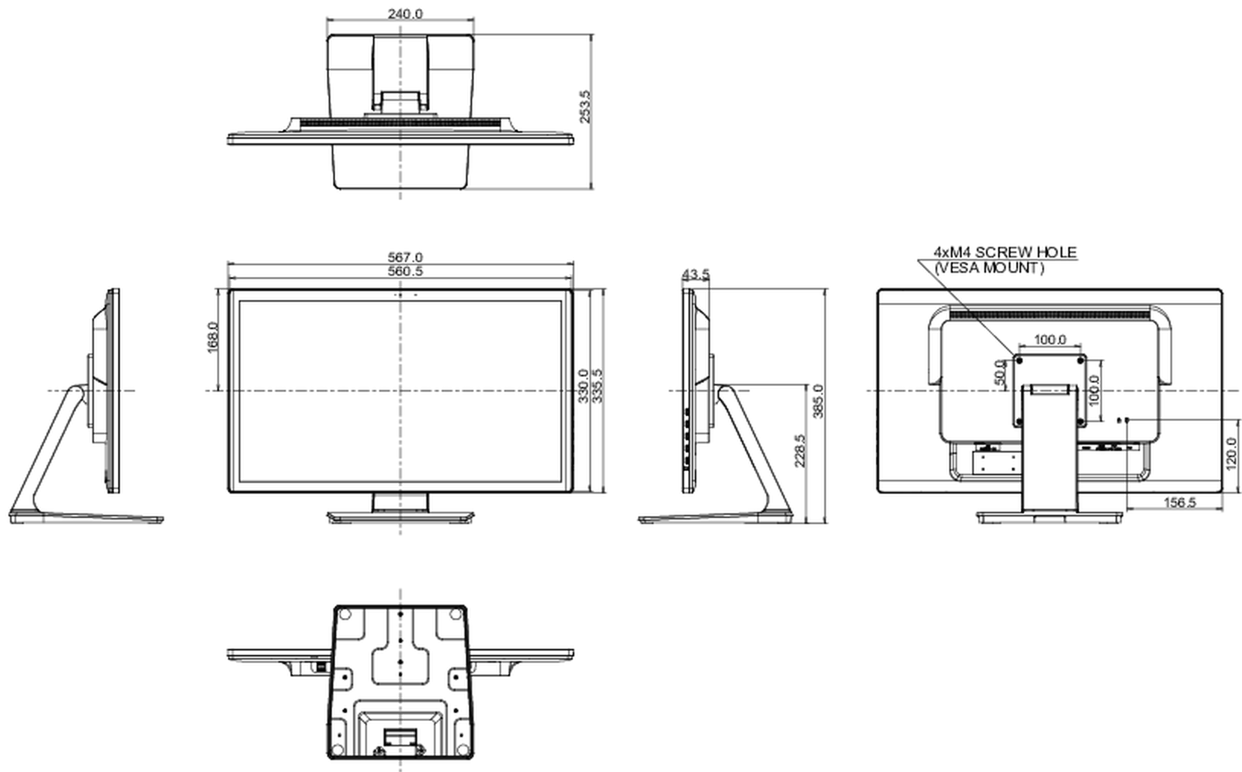
|                   |   |
|-------------------|---|
| Power supply unit | internal                                  |
| Power supply      | AC 100 - 240V, 50/60Hz                    |
| Power usage       | 18W typical, 1.5W stand by, 0.3W off mode |

## 09 SUSTAINABILITY

|   |   |
|---|---|
| Regulations   | CE, TÜV-Bauart, EAC, RoHS support, ErP, WEEE, REACH, UKCA |
| 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 |
| Weight (without box)         | 5.6kg               |
| EAN code                     | 4948570121816       |



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