



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

With its Full HD (1920x1080) resolution and accurate Projective Capacitive 10 point touch technology, the ProLite T2452MSC-B1 delivers seamless and accurate touch response. Featuring IPS LCD screen technology, it offers exceptional colour performance and wide viewing angels, making it a perfect choice for a vast array of interactive applications. The flexible stand can be positioned at several angels creating a comfortable and ergonomic user experience and the integrated cable management system hides all the cables and electrical wires giving a neat and cable-free workspace. In addition, the edge-to-edge glass and ultra slim design creates an eye-catching finish. The ProLite T2452MSC-B1 is the ideal solution for interactive signage, instore retail, POS and interactive presentations.

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



IPS Technology

IPS displays are best known for wide viewing angles and natural, highly accurate colours. They are especially suited for colour-critical applications.



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.

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 ² |
| Brightness | 360 cd/m ² with touch |
| Light transmittance | 90% |
| Static contrast | 1000:1 |
| Response time (GTG) | 5ms |
| 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 DisplayPort x1 |
| Audio output | Mini jack x1 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, 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)

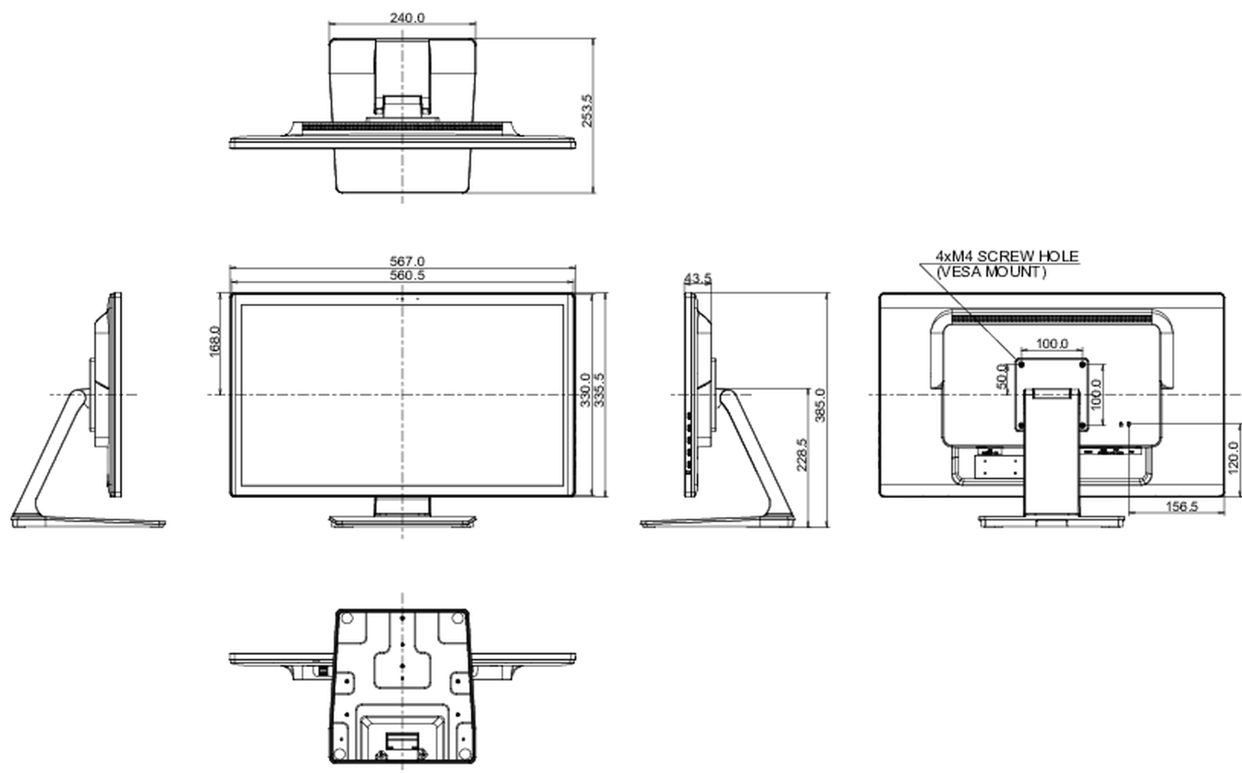
5.6kg

Weight (with box)

7.2kg

EAN code

4948570121816



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