

**TOUCHSCREENS**
**INFORMATION**

## 21.5" Optical Bonded PCAP 10pt touchscreen monitor featuring IPS panel technology, Anti Glare coating, active stylus support (MPP 2.0) and edge-to-edge glass



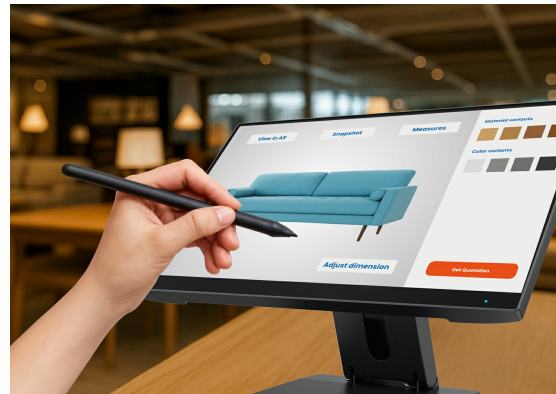
Immersive interaction and elegant design - Discover the ProLite T2254MSC-B2AG, a vibrant 21.5" Full HD touchscreen monitor designed for exceptional interactive experiences. Featuring intuitive 10-point touch technology (Optical Bonded PCAP), which ensures smooth and precise touch response and low light reflection. In addition, the display is protected from moisture and potential condensation development. With built-in MPP2.0 support (Microsoft Pen Protocol), a stylus with tilt and pressure sensitivity can be used, providing a natural, precise and intuitive writing or drawing experience, just like a pen on paper.

The vibrant colors of the IPS panel will captivate users with precise and natural interaction from any angle. Its sleek and stylish design, edge-to-edge glass and anti-glare surface offer durability and ease of cleaning, perfect for busy commercial environments, hospitality spaces, healthcare facilities and public areas. With adjustable ergonomics, neat cable management, built-in audio and seamless connectivity (HDMI, DisplayPort, USB 3.2 hub), it is an ideal choice for POS, self-service solutions and interactive signage.



## 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.



## Built-in MPP2.0 stylus support - like a pen on paper

Thanks to the integrated MPP 2.0 support, you can enjoy a smooth, pen-on-paper experience: tilt and pressure sensitivity allow you to write, draw and annotate with precision and ease, perfect for natural and intuitive use.



## Responsive interaction and good protection

Featuring intuitive 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.

## SPECIFICATION

### 01 DISPLAY CHARACTERISTICS

|                         |                                                                       |
|-------------------------|-----------------------------------------------------------------------|
| Design                  | Edge to edge glass                                                    |
| Diagonal                | 21.5", 54.6cm                                                         |
| Panel                   | IPS LED, AG surface finish                                            |
| Native resolution       | 1920 x 1080 @100Hz (2.1 megapixel Full HD)                            |
| Aspect ratio            | 16:9                                                                  |
| Panel brightness        | 300 cd/m <sup>2</sup>                                                 |
| Static contrast         | 1300:1 with touch                                                     |
| Response time (GTG)     | 4ms                                                                   |
| Viewing zone            | horizontal/vertical: 178°/178°, right/left: 89°/89°, up/down: 89°/89° |
| Colour support          | 16.7mln 8bit                                                          |
| Horizontal Sync         | 30 - 120kHz                                                           |
| Viewable area W x H     | 476 x 268mm, 18.7 x 10.5"                                             |
| Pixel pitch             | 0.082mm                                                               |
| Bezel colour and finish | black, matte                                                          |

### 02 TOUCH

|                             |                                                                                                                                                                                                                         |
|-----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Touch technology            | optical bonding PCAP                                                                                                                                                                                                    |
| Touch points                | 10 (HID, only with supported OS)                                                                                                                                                                                        |
| Touch accuracy              | +/- 2mm                                                                                                                                                                                                                 |
| Touch method                | finger, glove (latex), capacitive stylus                                                                                                                                                                                |
| 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. |

### 03 INTERFACES / CONNECTORS / CONTROLS

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

### 04 FEATURES

|                |                                                                                              |
|----------------|----------------------------------------------------------------------------------------------|
| Extra          | Optical Bonding PCAP, anti-glare coating, MPP2.0 support, TCO10 & EPEAT Silver certification |
| Kiosk mode     | yes                                                                                          |
| Glass hardness | 7H                                                                                           |

|                     |     |
|---------------------|-----|
| <b>OSD key lock</b> | yes |
|---------------------|-----|

## 05 GENERAL

|                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|---------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>OSD languages</b>      | EN, DE, FR, ES, IT, PT, RU, JP, NL, PL                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Control buttons</b>    | Joystick / power button - power/menu, up/input select, down, left/eco/i-Style color/blue light reducer, right/volume                                                                                                                                                                                                                                                                                                                                                        |
| <b>User controls</b>      | Picture adjust (brightness, contrast, eco, adv. contrast, Overdrive, X-Res technology,, black tuner), color settings (6-axis, i-Style color, blue light reducer, gamma, RGB range), color temperature), OSD (horizontal position, vertical position, rotate, time, background, DDC/CI control, display information), language, miscellaneous (sharpness, video mode adjust, opening logo, power led, usb charge), input select, audio settings (volume, mute audio), recall |
| <b>Blue light reducer</b> | yes                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Flicker free</b>       | yes                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Plug&amp;Play</b>      | DDC2B                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |

## 06 MECHANICAL

|                                |                                   |
|--------------------------------|-----------------------------------|
| <b>Orientation</b>             | landscape, face-up                |
| <b>Height adjustment</b>       | 112mm                             |
| <b>Tilt angle</b>              | 90° up; 5° down                   |
| <b>VESA mounting</b>           | 100 x 100mm                       |
| <b>Cable management system</b> | yes                               |
| <b>MTBF</b>                    | 50000 hours (excluding backlight) |

## 07 ACCESSORIES INCLUDED

|                    |                                 |
|--------------------|---------------------------------|
| <b>Cables</b>      | power, USB, HDMI                |
| <b>Guides</b>      | quick start guide, safety guide |
| <b>Other</b>       | Screwdriver                     |
| <b>Cable cover</b> | yes                             |

## 08 POWER MANAGEMENT

|                          |                                           |
|--------------------------|-------------------------------------------|
| <b>Power supply unit</b> | internal                                  |
| <b>Power supply</b>      | AC 100 - 240V, 50/60Hz                    |
| <b>Power usage</b>       | 15W typical, 0.5W stand by, 0.3W off mode |

## 09 SUSTAINABILITY

|                                                            |                                                      |
|------------------------------------------------------------|------------------------------------------------------|
| <b>Regulations</b>                                         | CE, EAC, RoHS support, ErP, WEEE, EPEAT, REACH, UKCA |
| <b>Energy efficiency class (Regulation (EU) 2017/1369)</b> | D                                                    |

**EPEAT Silver** EPEAT is a comprehensive environmental rating that helps identify greener computers and other electronic equipment. The Silver certification means the monitor meets all required criteria plus at least 50% of the optional requirements. EPEAT Silver is valid in countries where iiyama registers the product. Please visit [www.epeat.net](http://www.epeat.net) for the registration status in your country.

**REACH SVHC** above 0.1%: Lead

## 10 DIMENSIONS / WEIGHT

|                                        |                   |
|----------------------------------------|-------------------|
| <b>Product dimensions</b><br>W x H x D | 489 x 355 x 241mm |
| <b>Box dimensions W x H x D</b>        | 570 x 367 x 151mm |
| <b>Weight (without box)</b>            | 4.9kg             |
| <b>Weight (without stand)</b>          | 2.9kg             |
| <b>Weight (with box)</b>               | 7.6kg             |
| <b>EAN code</b>                        | 4948570125715     |

## 11 EU ENERGY EFFICIENCY LABEL

**Energy efficiency class (Regulation (EU) 2017/1369)** D

