

## 10pt touch Open Frame monitor with IPS panel

ProLite TF2234MC-B5X uses Projective Capacitive touch technology, built into an eye catching bezel with edge-to-edge glass. Featuring IPS LCD screen technology, it offers exceptional colour performance and wide viewing angles, making it a perfect interactive display for Interactive Digital Signage. In addition to the superb image quality, the screen comes with an IP65 Rating, making it dust and water resistant. Equipped with a rugged bezel making it suitable for demanding environments. The ProLite TF2234MC is the ideal screen for the kiosk integrators and a solution for Interactive Digital Signage, Instore Retail, Gaming and Interactive Presentations. For ease of integration, the TF2234MC-B5X can be equipped with optional external mounting brackets ([OMK1-1](#)).

### IPS

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

<b>Design</b>	Open Frame
<b>Diagonal</b>	21.5", 55cm
<b>Panel</b>	IPS LED
<b>Native resolution</b>	1920 x 1080 (2.1 megapixel Full HD)
<b>Aspect ratio</b>	16:9
<b>Panel brightness</b>	250 cd/m <sup>2</sup>
<b>Brightness</b>	225 cd/m <sup>2</sup> with touch
<b>Light transmittance</b>	90%
<b>Static contrast</b>	1000:1 with touch
<b>Response time (GTG)</b>	8ms
<b>Viewing zone</b>	horizontal/vertical: 178°/178°, right/left: 89°/89°, up/down: 89°/89°
<b>Colour support</b>	16.7mln 8bit
<b>Horizontal Sync</b>	30 - 84kHz
<b>Viewable area W x H</b>	476.6 x 268.1mm, 18.8 x 10.6"
<b>Pixel pitch</b>	0.247mm
<b>Bezel colour and finish</b>	black, matte

## 02 TOUCH

<b>Touch technology</b>	projective capacitive
<b>Touch points</b>	10 (HID, only with supported OS)
<b>Touch method</b>	stylus, finger, glove
<b>Touch interface</b>	USB
<b>Supported operating systems</b>	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

<b>Analog signal input</b>	VGA x1
<b>Digital signal input</b>	HDMI x1 DisplayPort x1
<b>HDCP</b>	yes

## 04 FEATURES

<b>Glass thickness</b>	1.5mm
<b>Glass hardness</b>	7H
<b>Water and dust protection</b>	IP65 (front)
<b>OSD key lock</b>	yes

## 05 GENERAL

<b>OSD languages</b>	EN, DE, FR, ES, IT, CN, JP
<b>Control buttons</b>	Menu, Scroll up/ Brightness, Scroll down/ Contrast, Select, Power
<b>User controls</b>	contrast, brightness, power, OSD, auto adjust, H.position, V.position, H.size, fine, OSD H.position, OSD V.position, OSD timeout, reset, input select, OSD language, colour temperature
<b>Plug&amp;Play</b>	DDC2B

## 06 MECHANICAL

**Orientation** landscape, portrait

**VESA mounting** 100 x 100mm

## 07 ACCESSORIES INCLUDED

**Cables** power, USB, HDMI, DP

**Guides** quick start guide, safety guide

**Other** AC adapter, Touch Panel Driver Disk (CD-ROM)

**Cable cover** yes

## 08 POWER MANAGEMENT

**Power supply unit** external

**Power supply** DC 12 V

**Power usage** 18W typical, 1W stand by, 1W off mode

## 09 SUSTAINABILITY

**Regulations** CE, TÜV-Bauart, RoHS support, ErP, WEEE, CU, cULus, VCCI, REACH

**REACH SVHC** above 0.1%: Lead

## 10 DIMENSIONS / WEIGHT

**Product dimensions W x H x D** 517.5 x 313.5 x 46mm

**Weight (without box)** 4.4kg

**EAN code** 4948570116195

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