



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 (<u>OMK1-1</u>).



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.

DISPLAY CHARACTERISTICS 01

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

TOUCH 02

Touch technology	projective capacitive
Touch points	10 (HID, only with supported OS)
Touch method	stylus, finger, glove
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.

INTERFACES / CONNECTORS / CONTROLS 03

Analog signal input	VGA x1
Digital signal input	HDMI x1 DisplayPort x1
HDCP	yes
04 FEATURES	
Glass thickness	1.5mm
Glass hardness	7H
Water and dust protection	IP65 (front)
OSD key lock	yes
05 GENERAL	
OSD languages	EN, DE, FR, ES, IT, CN, JP
Control buttons	Menu, Scroll up/ Brightness, Scroll down/ Contrast, Select, Power
User controls	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
Plug&Play	DDC2B

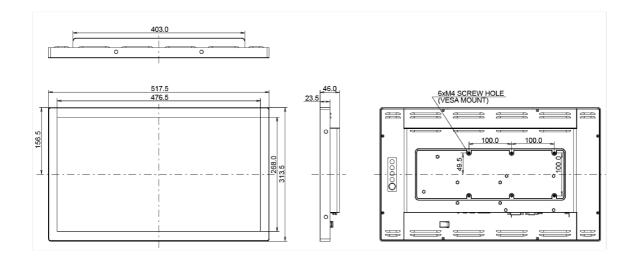
06 MECHANICAL

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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

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