



### 32" 12pt Open Frame PCAP interactive large format display

The Full HD (1920x1080) TF3239MSC Open Frame monitor with slim borders is the ideal display solution for interactive shop windows, education, kiosks and in-store communications. The Projective Capacitive (PCAP) touch technology with 12 touch points ensures a seamless and accurate touch response. Thanks to the touch-through-glass technology it's possible to turn glass surfaces into touchscreens. It can be installed in landscape, portrait and face-up orientation for maximum flexibility and accessibility. With its AMVA3 LED panel, it offers exceptional colour performance, high contrast and wide viewing angles. Featuring a metal housing with a 60950-1 ball-drop proof, scratch-resistant, edge-to-edge glass, this display can be installed in the most demanding environments and build in different set-ups as a result of its Open Frame side mounting holes. For ease of integration, the TF3239MSC can be equipped with optional external mounting brackets ([OMK4-4](#)) making it an ideal solution for kiosk integrators and interactive multimedia.

Available also in white: [ProLite TF3239MSC-W1AG](#)



#### 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.



#### Touch through-glass

This through glass touch screen works right through glass and can turn glass surfaces into an interactive touch screen display. Use it on storefront windows, real estate office, in-store for POS or restaurants.

## 01 DISPLAY CHARACTERISTICS

Design	Edge to edge glass, Open Frame
Diagonal	31.5", 80cm
Panel	AMVA3 LED, Anti-glare coated glass
Native resolution	1920 x 1080 @60Hz (2.1 megapixel Full HD)
Aspect ratio	16:9
Brightness	500 cd/m <sup>2</sup> typical
Brightness	420 cd/m <sup>2</sup> with touch
Static contrast	3000:1 typical
Light transmittance	84%
Response time (GTG)	8ms
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	698.4 x 392.8mm, 27.5 x 15.5"
Pixel pitch	0.3637mm
Bezel colour and finish	black, matte
Reommended usage	retail, education

## 02 TOUCH

Touch technology	projective capacitive
Touch points	12 (HID, only with supported OS)
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.
Through-Glass	6mm
Palm rejection	yes

## 03 INTERFACES / CONNECTORS / CONTROLS

Analog signal input	VGA x1
Digital signal input	HDMI x2 DisplayPort x1
Audio input	Mini jack x1
Monitor control input	RS-232c x1 RJ45 (LAN) x1
Audio output	Mini jack x1 Speakers 2 x 8W
HDCP	yes

## 04 FEATURES

Extra	touch through-glass, temperature sensor with fan control
Kiosk mode	yes
Max. non-stop operating time	24/7
Glass thickness	2mm

Glass hardness	7H
60950 Ball drop test	yes
Water and dust protection	IP54 (front)
Housing (bezel)	metal
OSD key lock	yes

## 05 GENERAL

OSD languages	EN, DE, FR, ES, IT, RU, NL, PL
Control buttons	Power, menu, exit, up, down
User controls	picture (picture mode, backlight, contrast, brightness, chroma, phase, sharpness, color temperature, reset), sound (treble, bass, balance, volume, mute, speaker, audio source, reset), screen (aspect, adjust screen, touch feature, touch switch), setting (language, schedule, power save, control settings, network settings, advanced), setting (advanced, information, all reset)
Plug&Play	DDC2B

## 06 MECHANICAL

Orientation	landscape, portrait, face-up
VESA mounting	400 x 200mm
Mini PC mount	NUC INTEL
Operation temperature range	0°C - 40°C
Storage temperature range	- 20°C - 60°C
MTBF	50000 hours

## 07 ACCESSORIES INCLUDED

Cables	power, USB, HDMI, DP
Guides	quick start guide, safety guide
Cable cover	yes

## 08 POWER MANAGEMENT

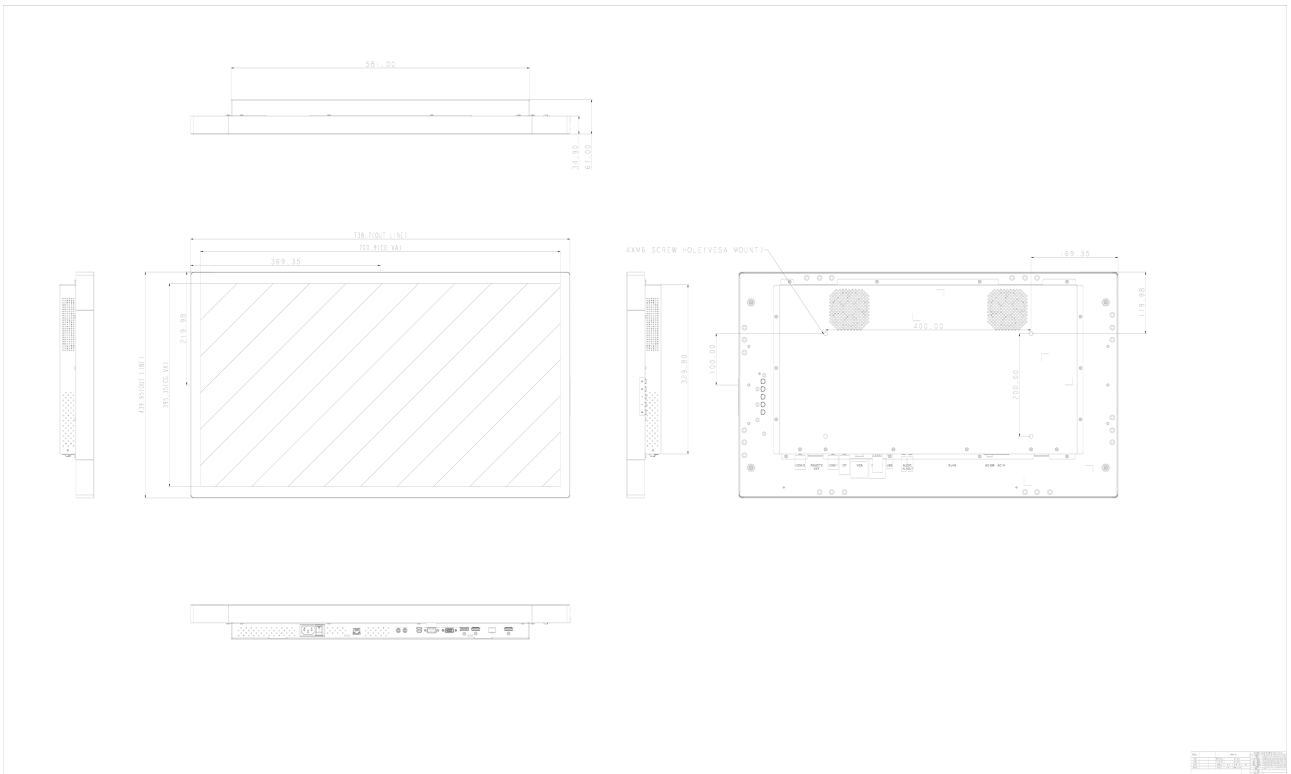
Power supply unit	internal
Power supply	AC AC - 100V, 240/V, 50Hz
Power usage	60W typical, 1.5W stand by, 0.3W off mode

## 09 SUSTAINABILITY

Regulations	CE, EAC, RoHS support, ErP, WEEE, cULus, REACH, UKCA
Energy efficiency class (Regulation (EU) 2017/1369)	G
Other	REACH SVHC above 0.1%: Lead

## 10 DIMENSIONS / WEIGHT

Product dimensions W x H x D	738.7 x 439,9 x 67mm
Box dimensions W x H x D	187 x 590 x 900mm
Weight (without box)	13.4kg
Weight (with box)	17.2kg



All trademarks and registered trademarks acknowledged. E & O E. Specification subject to change without notice. All LCD's comply with ISO-9241-307:2008 in connection with pixel defects.

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