



## 43" 12pt Open Frame PCAP interactive large format display with touch through glass function

Touch-Through-Glass technology, guaranteeing a seamless and accurate touch response for true kiosk integration or behind-glass-retail applications. The vibrant, Full HD (1920x1080) TF4339MSC-B1AG Open Frame monitor with slim borders is the ideal display solution for interactive shop windows, education, kiosks and in-store communications. 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 ([OMK4-3](#)) making it an ideal solution for kiosk integrators and interactive multimedia.

### 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

<b>Design</b>	Edge to edge glass, Open Frame
<b>Diagonal</b>	43", 108cm
<b>Panel</b>	AMVA3 LED, Anti-glare coated glass
<b>Native resolution</b>	1920 x 1080 @60Hz (2.1 megapixel Full HD)
<b>Aspect ratio</b>	16:9
<b>Panel brightness</b>	400 cd/m <sup>2</sup>
<b>Light transmittance</b>	84%
<b>Static contrast</b>	4000:1
<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
<b>Horizontal Sync</b>	30 - 83kHz
<b>Viewable area W x H</b>	529.25 x 940.86mm, 20.8 x 37.1"
<b>Pixel pitch</b>	0.4902mm
<b>Bezel colour and finish</b>	black, matte
<b>Reommended usage</b>	retail, education

## 02 TOUCH

<b>Touch technology</b>	projective capacitive
<b>Touch points</b>	12 (HID, only with supported OS)
<b>Touch method</b>	stylus, finger, glove (latex)
<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.
<b>Through-Glass</b>	6mm
<b>Palm rejection</b>	yes

## 03 INTERFACES / CONNECTORS / CONTROLS

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

## 04 FEATURES

<b>Extra</b>	touch through-glass, temperature sensor with fan control
<b>Kiosk mode</b>	yes
<b>Max. non-stop operating time</b>	24/7
<b>Glass thickness</b>	3mm
<b>Glass hardness</b>	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, exit/back, down/left, up/right, enter
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	- °C - °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 100 - 240V, 50/60Hz
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
REACH SVHC	above 0.1%: Lead

## 10 DIMENSIONS / WEIGHT

Product dimensions W x H x D	985 x 577.5 x 68mm
Box dimensions W x H x D	1070 x 700 x 200mm
Weight (without box)	23kg
EAN code	4948570118045

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