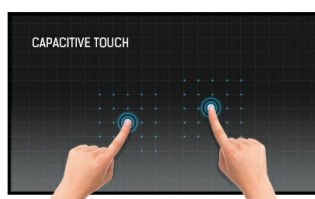




## 32" 12pt Open Frame PCAP interactive large format display

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.



### 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                                                                  |
| Panel brightness        | 500 cd/m <sup>2</sup>                                                 |
| Light transmittance     | 84%                                                                   |
| Static contrast         | 3000:1                                                                |
| 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<br>DisplayPort x1       |
| Audio input           | Mini jack x1                    |
| Monitor control input | RS-232c x1<br>RJ45 (LAN) x1     |
| Audio output          | Mini jack x1<br>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 | IPIP54 (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                  |
| Operation temperature range | 0°C - 40°C                   |
| Storage temperature range   | - 20°C - %2°C                |
| MTBF                        | 50000 hours                  |

## 07 ACCESSORIES INCLUDED

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

## 08 POWER MANAGEMENT

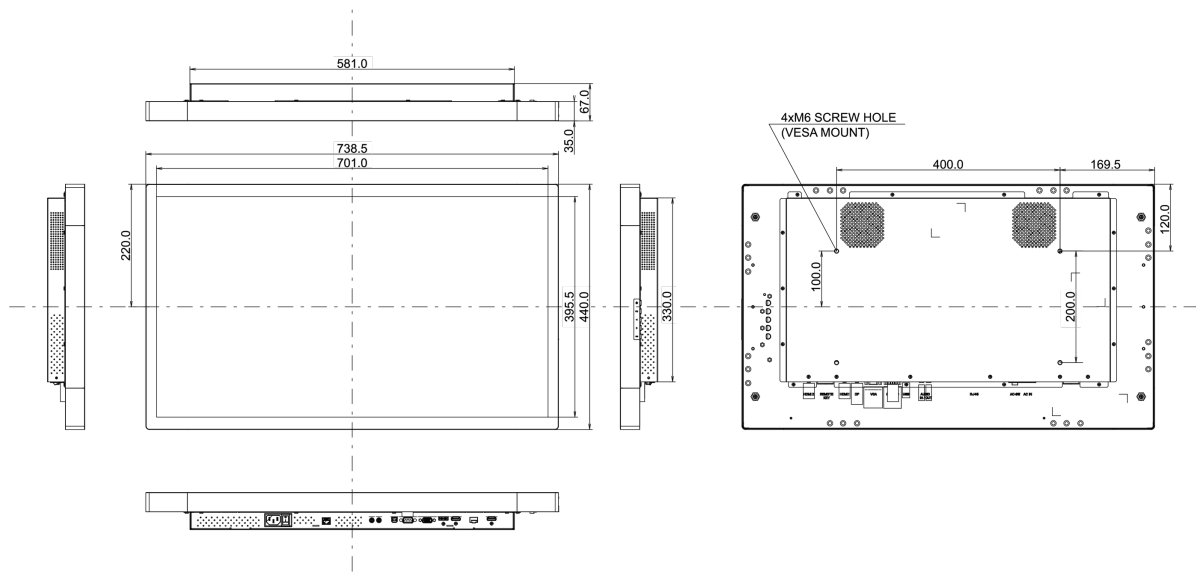
|                   |                                           |
|-------------------|-------------------------------------------|
| Power supply unit | internal                                  |
| Power supply      | AC 100 - 240V, 50/60Hz                    |
| Power usage       | 60W typical, 1.5W 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 | 738.7 x 439,9 x x 67mm |
| Box dimensions W x H x D     | 187 x 590 x 900mm      |
| Weight (without box)         | 13.4kg                 |
| Weight (with box)            | 17.2kg                 |
| EAN code                     | 4948570118021          |



*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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