



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

The Full HD (1920x1080) Open Frame TF3238MSC is the ideal interactive display solution for education, kiosks, interactive Digital Signage and in-store communications. It can be installed in landscape, portrait and face-up orientation for maximum flexibility and accessibility. The Projective Capacitive (PCAP) touch technology with 12 touch points ensures a seamless and accurate touch response. 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.



#### 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                  | Ultra thin bezel, Thin bezel   |
| Diagonal                | 31.5", 80cm  |
| Panel                   | AMVA3 LED, Anti-glare coated glass   |
| Native resolution       | 1920 x 1080 (2.1 megapixel Full HD)  |
| Aspect ratio            | 16:9   |
| Panel brightness        | 501 cd/m <sup>2</sup>  |
| Brightness              | 420 cd/m <sup>2</sup> with touch   |
| Light transmittance     | 84%  |
| Static contrast         | 3000:1   |
| Response time (GTG)     | 8ms  |
| Viewing zone            | horizontal/vertical: horizontal°/vertical horizontal°, right/left: 0°/0°, up/down: 0°/0° |
| Colour support          | 16.7mln  |
| 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 | white, glossy, matte   |

## 02 TOUCH

|                             |   |
|-----------------------------|---|
| Touch technology            | projective capacitive   |
| Touch points                | 12 (HID, only with supported OS)  |
| Touch method                | stylus, finger, glove (latex)   |
| Touch interface             | USB, USB2.0 (USB-C input connector)   |
| 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  | DVI x1<br>HDMI x2<br>DisplayPort x1                    |
| Audio input           | Mini jack x1   |
| Monitor control input | RS-232c x1 (Get/Set Command)<br>RJ45 (LAN) x1<br>IR x1 |
| Audio output          | Mini jack x1<br>Speakers 2 x 8W                        |
| HDCP                  | yes  |

## 04 FEATURES

|                              |                     |
|------------------------------|---------------------|
| Extra                        | touch through-glass |
| Kiosk mode                   | yes                 |
| Max. non-stop operating time | 24/7                |
| Glass thickness              | 3mm                 |

|                           |                    |
|---------------------------|--------------------|
| Glass hardness            | 7H                 |
| 60950 Ball drop test      | yes                |
| Water and dust protection | IPIPIPIP54 (front) |
| Housing (bezel)           | metal              |
| OSD key lock              | yes                |
| Remote control lock       | yes                |

## 05 GENERAL

|                 |   |
|-----------------|---|
| OSD languages   | EN, DE, FR, ES, IT, RU, NL, PL  |
| Control buttons | Power, Left/Volume-, Right/Volume+, Scroll Up, Scroll Down, Menu, Enter/Input Select  |
| 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), setting (language, schedule, power save, control settings, network settings, advanced, information, reset all) |
| Plug&Play       | DDC2B   |

## 06 MECHANICAL

|                             |                              |
|-----------------------------|------------------------------|
| Orientation                 | landscape, portrait, face-up |
| Fanless design              | yes                          |
| VESA mounting               | 400 x 200mm                  |
| Operation temperature range | 0°C - 40°C                   |

## 07 ACCESSORIES INCLUDED

|                |                                   |
|----------------|-----------------------------------|
| Cables         | power, USB, HDMI, DP, IR-Extender |
| Guides         | quick start guide, safety guide   |
| Cable cover    | yes                               |
| Remote control | yes (batteries included)          |

## 08 POWER MANAGEMENT

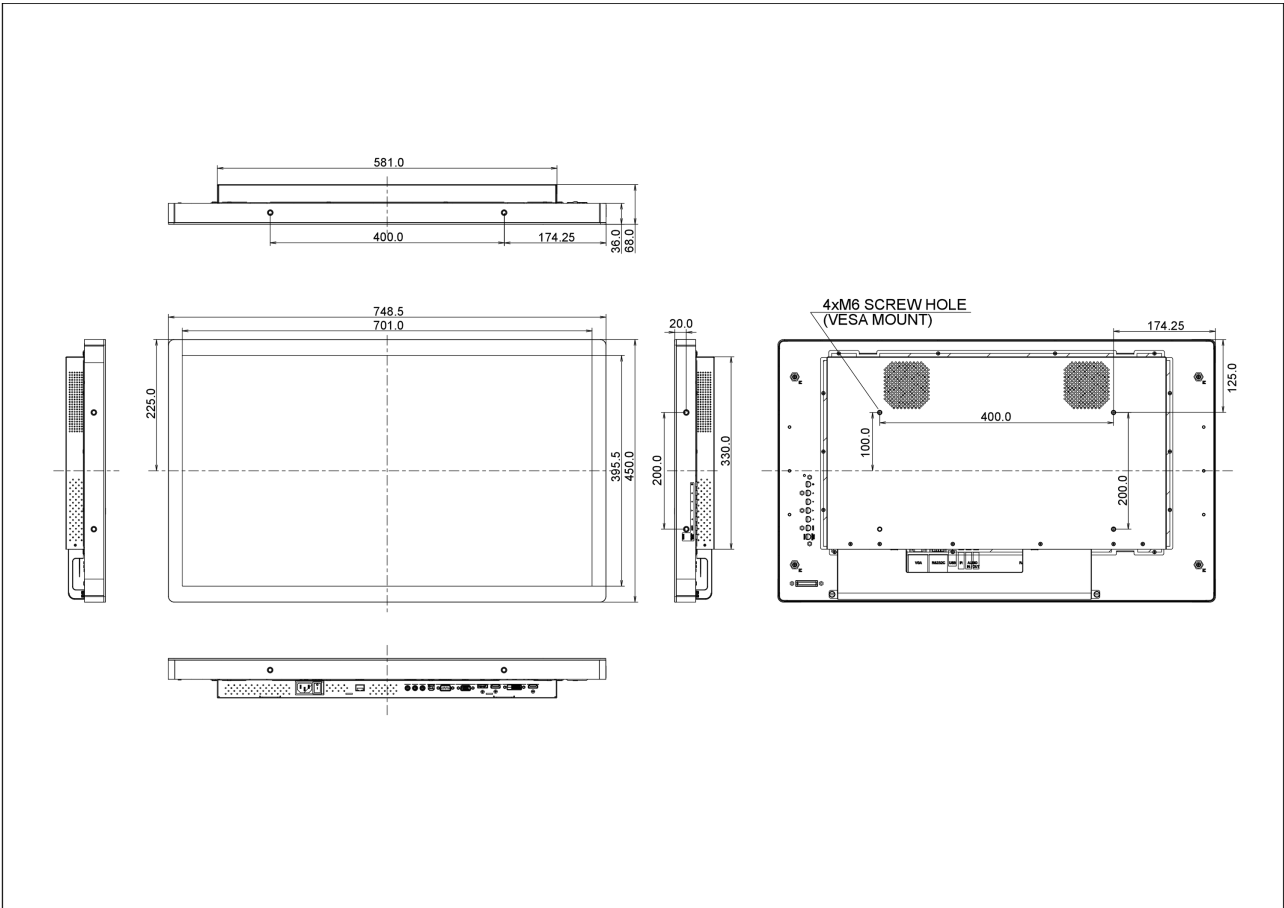
|                   |   |
|-------------------|---|
| Power supply unit | internal                                  |
| Power supply      | AC AC - AC V, AC /V, 100Hz                |
| Power usage       | 60W typical, 1.0W stand by, 1.0W off mode |

## 09 SUSTAINABILITY

|             |  |
|-------------|--|
| Regulations | CB, CE, TÜV-Bauart, EAC, RoHS support, ErP, WEEE, cULus, REACH |
| REACH SVHC  | above 0.1%: Lead   |

## 10 DIMENSIONS / WEIGHT

|                              |                    |
|------------------------------|--------------------|
| Product dimensions W x H x D | 748.5 x 450 x 68mm |
| Box dimensions W x H x D     | 187 x 590 x 900mm  |
| Weight (without box)         | 14.5kg             |
| Weight (with box)            | 18kg               |
| EAN code                     | 4948570117604      |



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