



**Open Frame PCAP 10 point touch screen equipped with a foam seal finish for seamless integration**

The ProLite TF2415MC-B2 (23.8 inch) uses PCAP touch technology and is built into an eye-catching bezel with edge-to-edge glass. Thanks to a glass overlay covering the screen and a rugged bezel, it guarantees high durability and scratch-resistance, making it perfect for kiosk and high use public facing applications. Equipped with a foam seal finish it supports seamless integration into kiosks and provides IP65 rating resulting in dust and water resistance from the front. Landscape, portrait and face-up orientation ensures flexible mounting possibilities in almost any installation. For ease of integration, the TF2415MC-B2 comes equipped with external mounting brackets making it an ideal solution for kiosk integrators, industrial environments, control rooms and interactive multimedia.



**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.



**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.

## 01 DISPLAY CHARACTERISTICS

|                         |   |
|-------------------------|---|
| Design                  | Open Frame  |
| Diagonal                | 23.8", 60.5cm   |
| Panel                   | VA LED  |
| Native resolution       | 1920 x 1080 (2.1 megapixel Full HD)                                   |
| Aspect ratio            | 16:9  |
| Brightness              | 350 cd/m <sup>2</sup> typical   |
| Brightness              | 315 cd/m <sup>2</sup> with touch                                      |
| Static contrast         | 3000:1 typical  |
| Light transmittance     | 90%   |
| Response time           | 16ms  |
| Viewing zone            | horizontal/vertical: 178°/178°, right/left: 89°/89°, up/down: 89°/89° |
| Horizontal Sync         | 31.4 - 82KHz  |
| Vertical Sync           | 56 - 75Hz   |
| Viewable area W x H     | 527.04 x 296.46mm, 20.7 x 11.7"                                       |
| Pixel pitch             | 0.2745mm  |
| Bezel colour and finish | black   |

## 02 TOUCH

|                             |   |
|-----------------------------|---|
| Touch technology            | projective capacitive   |
| Touch points                | 10 (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   |

## 03 INTERFACES / CONNECTORS / CONTROLS

|                      |                           |
|----------------------|---------------------------|
| Analog signal input  | VGA x1                    |
| Digital signal input | HDMI x1<br>DisplayPort x1 |
| Audio output         | Mini jack x1              |
| HDCP                 | yes                       |

## 04 FEATURES

|                           |   |
|---------------------------|---|
| Extra                     | anti-fingerprint coating, touch through-glass |
| 60950 Ball drop test      | yes   |
| Water and dust protection | IP65 (front)                                  |
| Water tight seal          | yes   |
| 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 | picture (contrast, brightness, H. position, V. position, phase, clock, auto adjust), advanced (color temp., sharpness), OSD (timeout, position, H. position, V. position, touch switch), option (reset, language, source select, display mode, factory) |
|---------------|---|

|           |       |
|-----------|-------|
| Plug&Play | DDC2B |
|-----------|-------|

## 06 MECHANICAL

|             |                              |
|-------------|------------------------------|
| Orientation | landscape, portrait, face-up |
|-------------|------------------------------|

|               |             |
|---------------|-------------|
| VESA mounting | 100 x 100mm |
|---------------|-------------|

|                             |            |
|-----------------------------|------------|
| Operation temperature range | 0°C - 40°C |
|-----------------------------|------------|

|                           |               |
|---------------------------|---------------|
| Storage temperature range | - 20°C - 60°C |
|---------------------------|---------------|

## 07 ACCESSORIES INCLUDED

|        |                      |
|--------|----------------------|
| Cables | power, USB, HDMI, DP |
|--------|----------------------|

|        |                                 |
|--------|---------------------------------|
| Guides | quick start guide, safety guide |
|--------|---------------------------------|

|       |   |
|-------|---|
| Other | AC adapter, Touch Panel Driver Disk (CD-ROM), L-Bracket, external control pad |
|-------|---|

## 08 POWER MANAGEMENT

|                   |          |
|-------------------|----------|
| Power supply unit | external |
|-------------------|----------|

|              |         |
|--------------|---------|
| Power supply | DC 12 V |
|--------------|---------|

|             |   |
|-------------|---|
| Power usage | 25W typical, 1.2W stand by, 1.2W off mode |
|-------------|---|

## 09 SUSTAINABILITY

|             |                               |
|-------------|-------------------------------|
| Regulations | CB, CE, TÜV-Bauart, CU, cULus |
|-------------|-------------------------------|

|                         |   |
|-------------------------|---|
| Energy efficiency class | A |
|-------------------------|---|

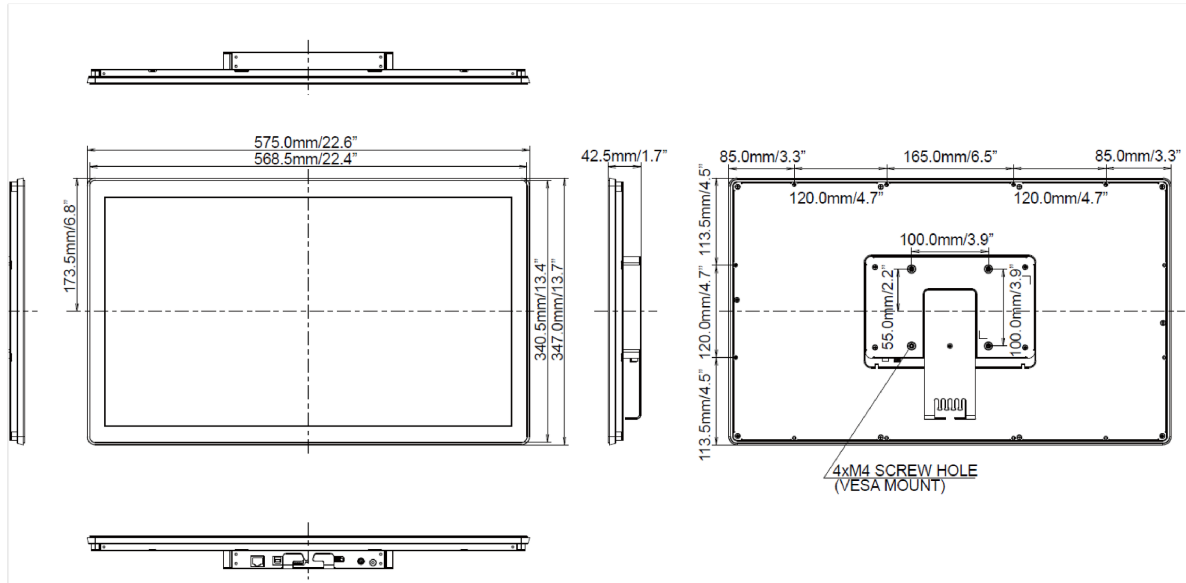
|       |                             |
|-------|-----------------------------|
| Other | REACH SVHC above 0.1%: Lead |
|-------|-----------------------------|

## 10 DIMENSIONS / WEIGHT

|                              |                    |
|------------------------------|--------------------|
| Product dimensions W x H x D | 575 x 347 x 42.5mm |
|------------------------------|--------------------|

|                      |       |
|----------------------|-------|
| Weight (without box) | 5.8kg |
|----------------------|-------|

|          |               |
|----------|---------------|
| EAN code | 4948570116775 |
|----------|---------------|



## 11 EU ENERGY EFFICIENCY LABEL

|                         |                              |
|-------------------------|------------------------------|
| Manufacturer            | iiyama                       |
| Energy efficiency class | A                            |
| Visible screen diagonal | 60.5cm; 23.8"; (24" segment) |

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.

© IIYAMA CORPORATION. ALL RIGHTS RESERVED