



## 27" Optical Bonded PCAP 10pt IPS Touchscreen monitor with edge-to-edge glass, active stylus support (MPP 2.0), anti-fingerprint coating and a flexible stand

The ProLite T2755QSC with its WQHD (2560x1440) resolution and IPS panel technology offers exceptional colors and wide viewing angles. The Optical Bonded Projective Capacitive (PCAP) 10-point touch technology ensures a seamless and accurate touch response and a lower light reflection, in addition, the display is protected against humidity and potential moisture development. A special anti-fingerprint coating ensures a smoother touch and less resistance in the swipe. It makes the screen less static and susceptible to dirt, dust and fingerprints.

The monitor supports MPP2.0 (Microsoft Pen Protocol) technology, which is used in digital pens and styluses for use with compatible devices. The pen or stylus can interact with the ProLite T2755QSC, allowing users to write, draw, and navigate on the screen. It is very precise and supports tilt functionality, meaning the users can adjust the thickness and angle of their lines by tilting the pen, providing a more natural and intuitive writing and drawing experience. Its flexible stand can be positioned at several angles creating a comfortable and ergonomic user experience. A perfect choice for a vast array of creative applications.



### MPP2.0 Support

Microsoft Pen Protocol (MPP) is a technology used in digital pens and styluses for use with compatible devices. The protocol enables the pen or stylus to interact with the device, allowing users to write, draw, and navigate on the screen. The 2.0 version is more responsive to the user's touch giving a more precise control when writing or drawing on the screen. It also supports tilt functionality, which allows the pen to detect the angle at which it is held, meaning the users can adjust the thickness and angle of their lines by tilting the pen, providing a more natural and intuitive writing and drawing experience.



### Optical bonded PCAP

The optical bonded projective capacitive (PCAP) touch technology reduces the air gap between the touch layer and the display making the touch response more accurate. It improves also the visual quality by reducing reflections and glare. In addition the display is protected against dust and potential moisture development.

## 01 DISPLAY CHARACTERISTICS

|                         |                                                                       |
|-------------------------|-----------------------------------------------------------------------|
| Design                  | Edge to edge glass                                                    |
| Diagonal                | 27", 68.4cm                                                           |
| Panel                   | IPS                                                                   |
| Native resolution       | 2560 x 1440 @75Hz (3.7 megapixel QHD)                                 |
| Aspect ratio            | 16:9                                                                  |
| Panel brightness        | 400 cd/m <sup>2</sup>                                                 |
| Brightness              | 360 cd/m <sup>2</sup> with touch                                      |
| Light transmittance     | 90%                                                                   |
| Static contrast         | 1000:1                                                                |
| Response time (GTG)     | 5ms                                                                   |
| Viewing zone            | horizontal/vertical: 178°/178°, right/left: 89°/89°, up/down: 89°/89° |
| Colour support          | 16.7mIn 8bit                                                          |
| Horizontal Sync         | 30 - 100kHz                                                           |
| Viewable area W x H     | 597 x 336mm, 23.5 x 13.2"                                             |
| Pixel pitch             | 0.233mm                                                               |
| Bezel colour and finish | black, matte                                                          |

## 02 TOUCH

|                             |                                                                                                                                                                                                                         |
|-----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Touch technology            | bonded PCAP                                                                                                                                                                                                             |
| Touch points                | 10 (HID, only with supported OS)                                                                                                                                                                                        |
| Touch accuracy              | +/- 2mm                                                                                                                                                                                                                 |
| 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. |
| Palm rejection              | yes                                                                                                                                                                                                                     |

## 03 INTERFACES / CONNECTORS / CONTROLS

|                      |                                     |
|----------------------|-------------------------------------|
| Digital signal input | HDMI x1<br>DisplayPort x1           |
| Audio output         | Mini jack x1<br>Speakers 2 x 1W     |
| HDCP                 | yes                                 |
| USB HUB              | x2 (3.2 Gen 1 (5Gbps, DC5V, 900mA)) |

## 04 FEATURES

|                |                                  |
|----------------|----------------------------------|
| Extra          | anti-fingerprint coating, MPP2.0 |
| Glass hardness | 7H                               |
| OSD key lock   | yes                              |

## 05 GENERAL

|                 |                                                                         |
|-----------------|-------------------------------------------------------------------------|
| OSD languages   | EN, DE, FR, ES, IT, PT, RU, JP, NL, PL                                  |
| Control buttons | Press/enter, right/volume, left/eco/exit, up/signal select, down, power |

## User controls

Picture adjust (brightness, contrast, i-Style Colour, adv. contrast, ECO, OverDrive, X-Res technology), colour settings (gamma, RGB range, color temp.), image settings (video mode adjust, blue light reducer, sharp and soft), OSD (horizontal pos., vertical pos., OSD time, OSD background, language, display information), extra (reset, DDC/CI, signal select, volume, mute, opening logo, led, touch switch)

### Convenience

Kensington-lock™ prepared

### Blue light reducer

yes

### Flicker free

yes

### Plug&Play

DDC2B

## 06 MECHANICAL

### Tilt angle

15° up; 70° down

### VESA mounting

100 x 100mm

### MTBF

50000 hours (excluding backlight)

## 07 ACCESSORIES INCLUDED

### Cables

power, USB, HDMI

### Guides

quick start guide, safety guide

### Other

spiral tube

## 08 POWER MANAGEMENT

### Power supply unit

internal

### Power supply

AC 100 - 240V, 50/60Hz

### Power usage

35W typical, 1.5W stand by, 0.3W off mode

## 09 SUSTAINABILITY

### Regulations

CE, TÜV-Bauart, EAC, RoHS support, ErP, WEEE, REACH, UKCA, cTUVus

### Energy efficiency class (Regulation (EU) 2017/1369)

D

### REACH SVHC

above 0.1%: Lead

## 10 DIMENSIONS / WEIGHT

### Product dimensions W x H x D

614 x 364.5 x 49mm

### Box dimensions W x H x D

710 x 460 x 130mm

### Weight (without box)

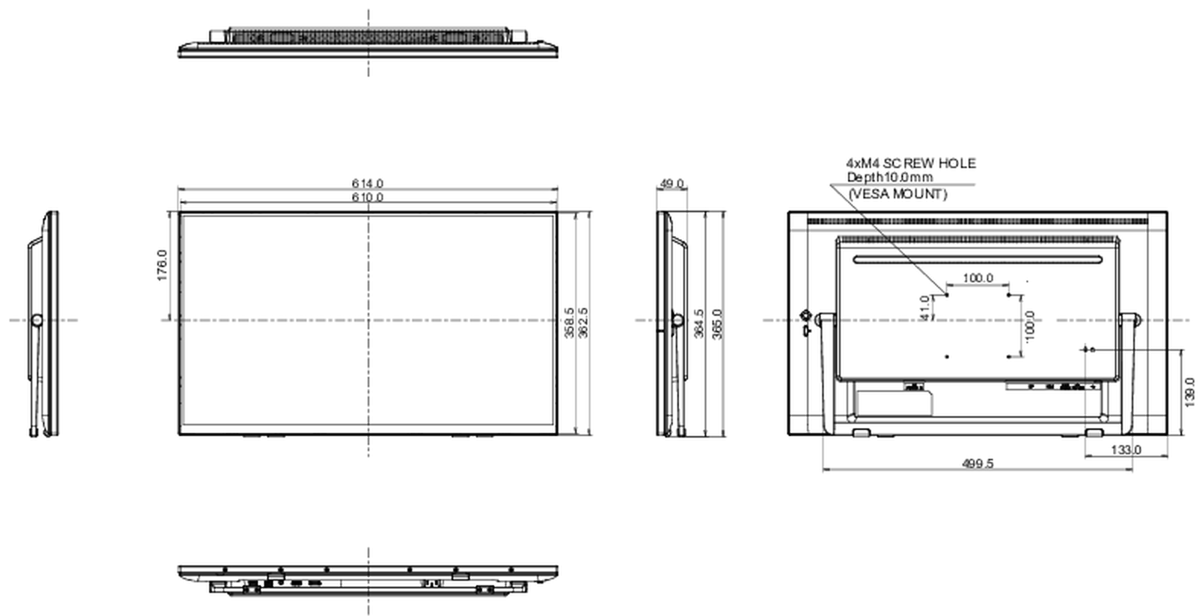
5.8kg

### Weight (with box)

7.3kg

### EAN code

4948570122981



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