WTM550TL

Extraordinary Premium PCAP Touch Monitor

Ver: Oct. 2019_V0

Overview

The TL series touch monitors with multi-point projected capacitive (PCAP) touch screen deliver an industrial-grade & reliable solution with wide-angle viewing, outstanding image clarity & light transmission, accurate touch responses and durable dust & water resistance that is similar to iPad flat surface. Designed with elegant black alumina, brushed polishing finish, ultra-thin & ultra-narrow symmetrical bezel, it is ideal for landscape, portrait and face-up orientation. Full range Intel OPS standard plug & play PC modules (easy to upgrade and maintain) with different configurations, meeting most applications and making the integrator's pre-design and on-site construction easier. It is an ideal solution for display, retail, catering and medical industries.

Features

Easy to Use
Support a variety of input video signals, standard touch signal input, plug & play and power & signal on boot

High Quality LED Panel
Full range IPS E-LED backlight monitors, full HD resolution (1920 x1080)

Reliable and Professional Design
Designed with elegant full metal structure & aluminum bezel for outstanding image clarity

Easy Installation
Supports optional standard VESA wall mount brackets and embedded install

Flat Surface Design
Similar to iPad flat surface delivers durable dust & water resistance, improving product reliability and lifetime

Projected Capacitive Multi-touch
10 points accurate touch response

Support Built-in Intel Plug & Play PC
Optional PC with different configurations, compact and better system integration, easy to install & maintain, reducing maintenance cost.

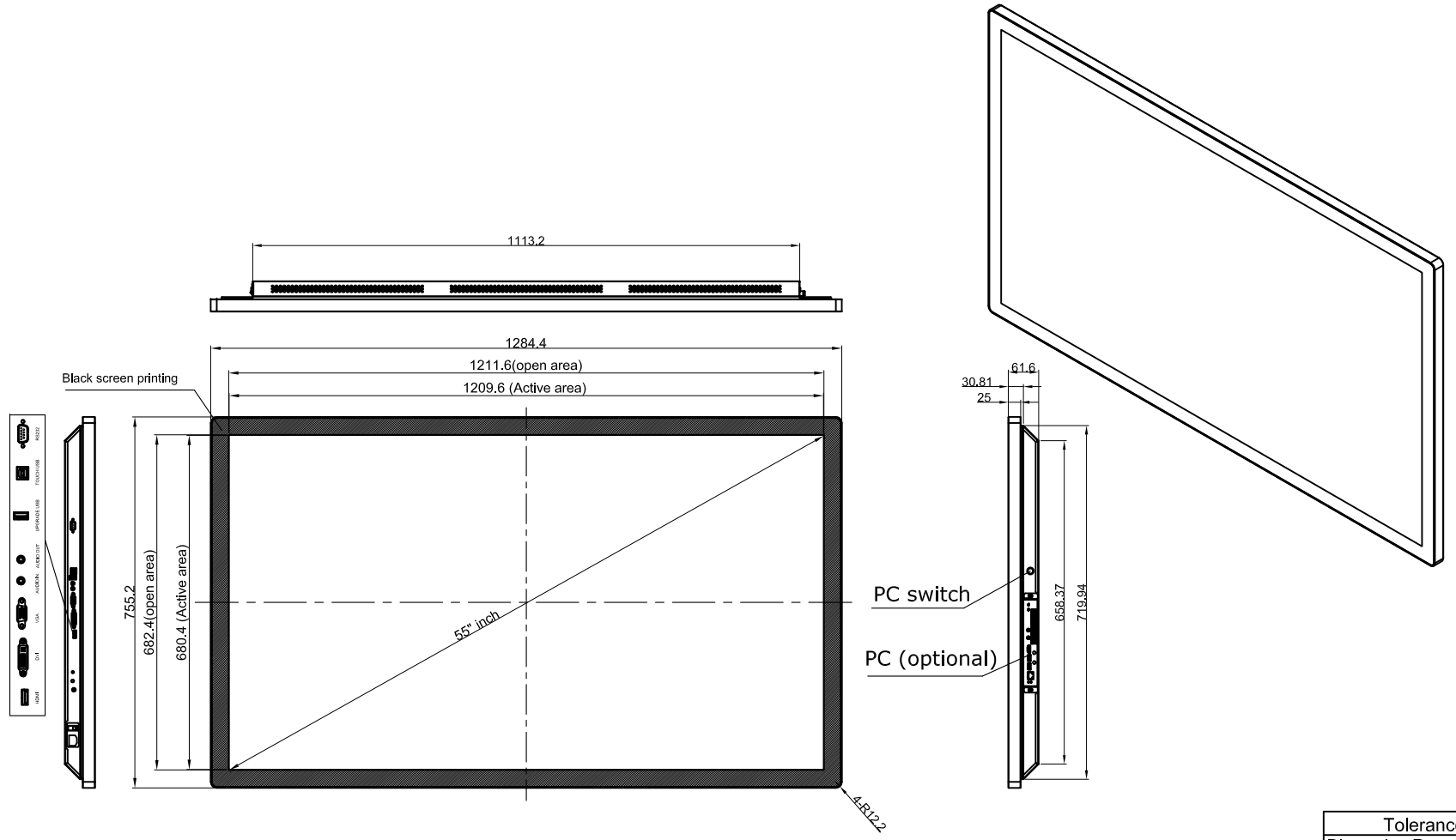
Supported OS
Windows 7 /10, Android , Linux, Mac OS X

Specifications

■ Display	
LED Panel	IPS-Panel ,55 inch
Backlight	E-LED (edge-lit)
Viewable Area	1209.6 x 680.4 mm
Brightness	400 cd/m2
Contrast Ratio	1200:1
Viewing Angle	178° H/V
Response Time	8 ms (GTG)
Number of Colors	16.7M Colors
Native Resolution	1920x1080 (16:9), FHD
Video Frequency	60Hz
Video Interface	VGA x1 / HDMI x1 / DVI x1
Input Resolution	1920 x 1080 @ 60Hz
■ Touch	
Touch Points	10 (HID, only with supported OS)
	No touch version ➔WTM550TL-NT
Touch Technology	Projective Capacitive (PCAP)
Touch Method	Finger, glove (latex)
	Active & passive stylus pen
Glass Overlay	4mm tempered glass
	Optional AG / AR surface finish
Water Resistance	Support touch in water fog and light rain
	Little drops of water will not cause drift
Response Time	16ms
Report Rate	>100Hz
Touch Interface	USB (Type B) x1
Supported OS	Win 7 / 10 / Android / Linux / Mac

■ OSD Function	
OSD Controls	7 buttons / remote control
OSD Languages	CN, EN, FR, IT, DE
	ES, KR, RU, PT
Remote Control Interface	RS232 x 1, support duplex communication remote Control (optional)
■ Mechanical	
Product Dimension	1284.4x 755.2x 80.7 mm
Packing Dimension	1500x 965x 220 mm
Weight(approx.)	45 kg / 55 kg
Wall Mount Method	VESA,MIS-F,400x400 mm,Y,6,90
■ Electrical	
Internal Speakers	Support 8Ω 7W
Power Supply	AC in: 100V~240V (50/60Hz)
Typical Power	≤ 100W (typ.)
Standby Power	≤ 2 W (typ.)
■ Environmental	
Operating T & H	0 °C ~ 50 °C, 90% RH
Storage T & H	-20 °C ~ 60 °C, 90% RH
■ Accessories	
Active Stylus Pen	Included
Mounting Bracket	Wall mount or free standing
OPS PC	Supported
■ Other	
Ready for Use	7/24
Warranty	1 Year
Regulations	CCC, CE, FCC, CB, RoHS

Shanghai Any-touch Technologies Co., Ltd reserves the right to change specifications without prior notice.



Tolerance Table	
Dimension Range	Tolerance(mm)
Under 25 mm	0.1
25.1-100 mm	0.2
100.1-250 mm	0.4
250.1-400 mm	0.8
400.1-500 mm	1.5
500.1-630 mm	2.0
630.1-800 mm	2.5

Rev	Date	Description	By

TOLERANCING

UNLESS OTHERWISE SPECIFIED ALL DIMS ARE mm

.x ±0.2 RADIUS ±0.15

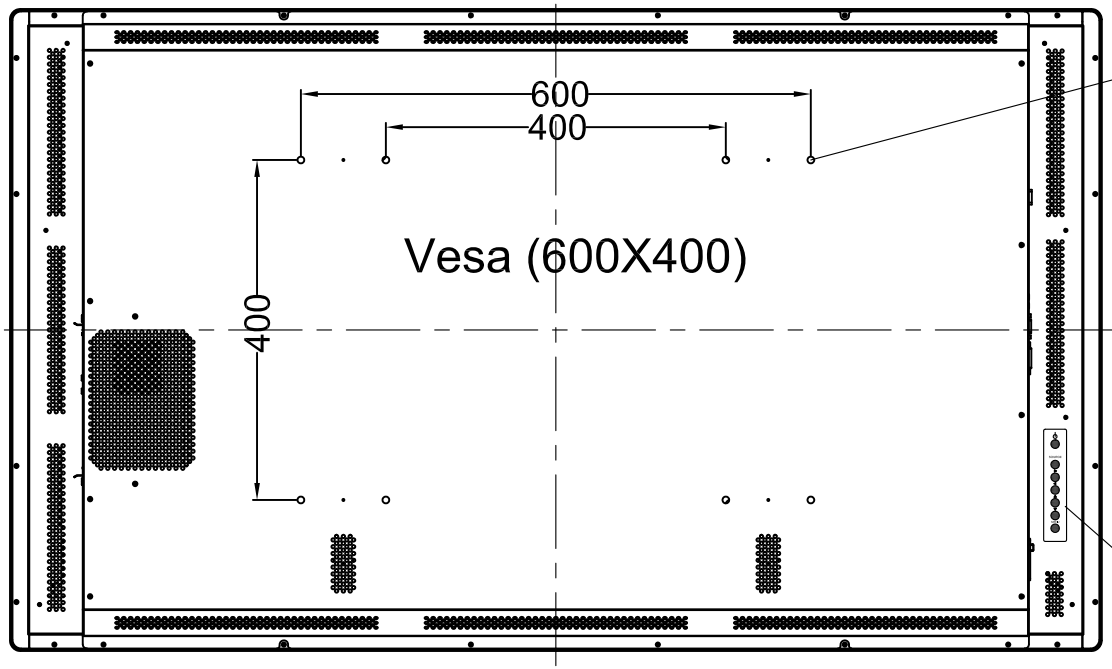
.xx ±0.1 ANGLES ±0.5°

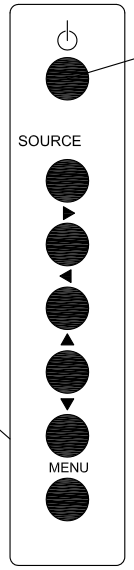
DO NOT SCALE DRAWING

Title: WTM550TL-IU(B)

Design:	Material: SPCC	Scale: NTS
Date: 2019.05.07		Sheet: 1 of 2
Dwg.No:		Ver: 02

THIRD ANGLE VIEW





OSD

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THIRD ANGLE VIEW