



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, UHD resolution (3840 x2160)

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	450 cd/m2
Contrast Ratio	1200:1
Viewing Angle	178° H/V
Response Time	8 ms (GTG)
Number of Colors	1.07B Colors
Native Resolution	3840 x 2160 (16:9), UHD
Video Frequency	60Hz
Video Interface	VGA x 1, HDMI x 1, DVIx1
Input Resolution	1920 x 1080 @ 60Hz (VGA) 1920 x 1080 @ 60Hz (DVI) 3840 x 2160 @60Hz (HDMI2.0)

Touch

Touch Points	10 (HID, only with supported OS) No touch version → WTM550UL-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

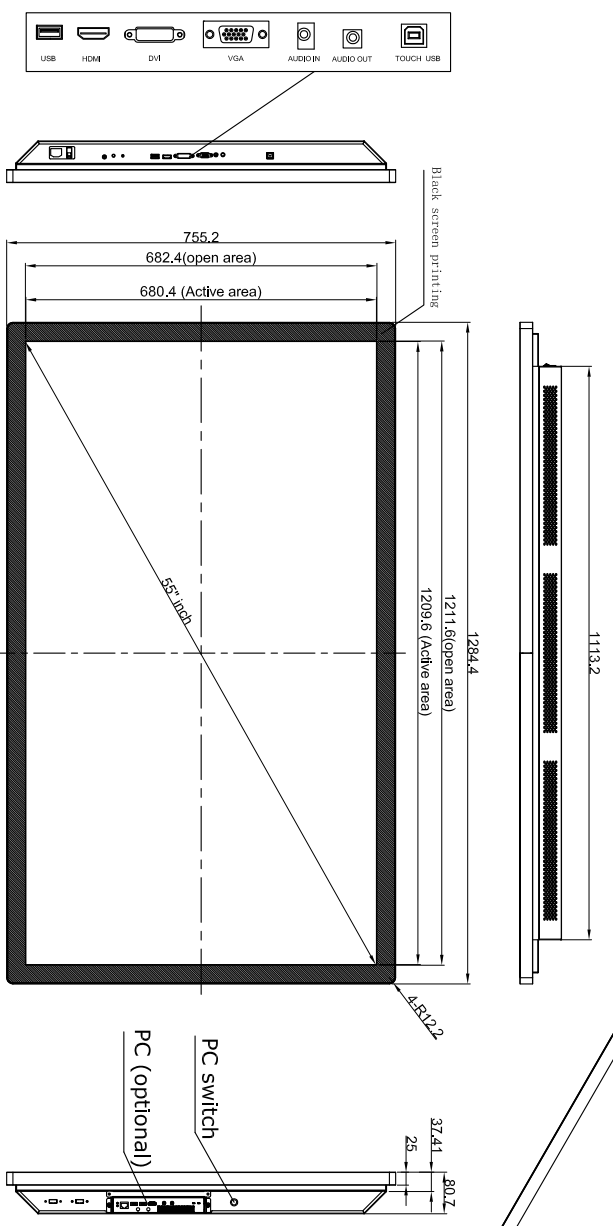
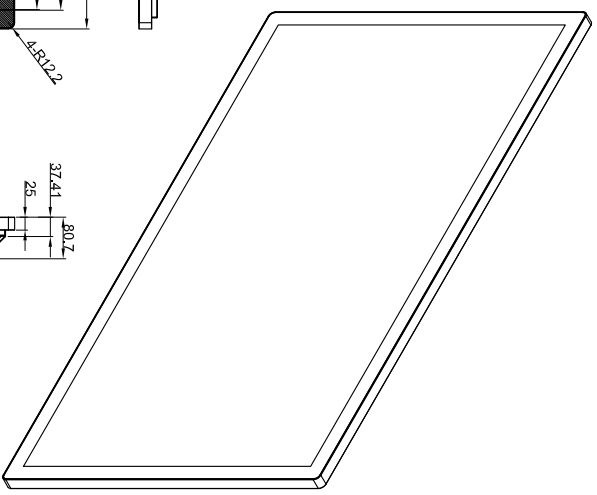
Accessories

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





A

B

A

B

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

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: WTM550UL-WU

Design: Material: SPCC

Date: 2019/02/22

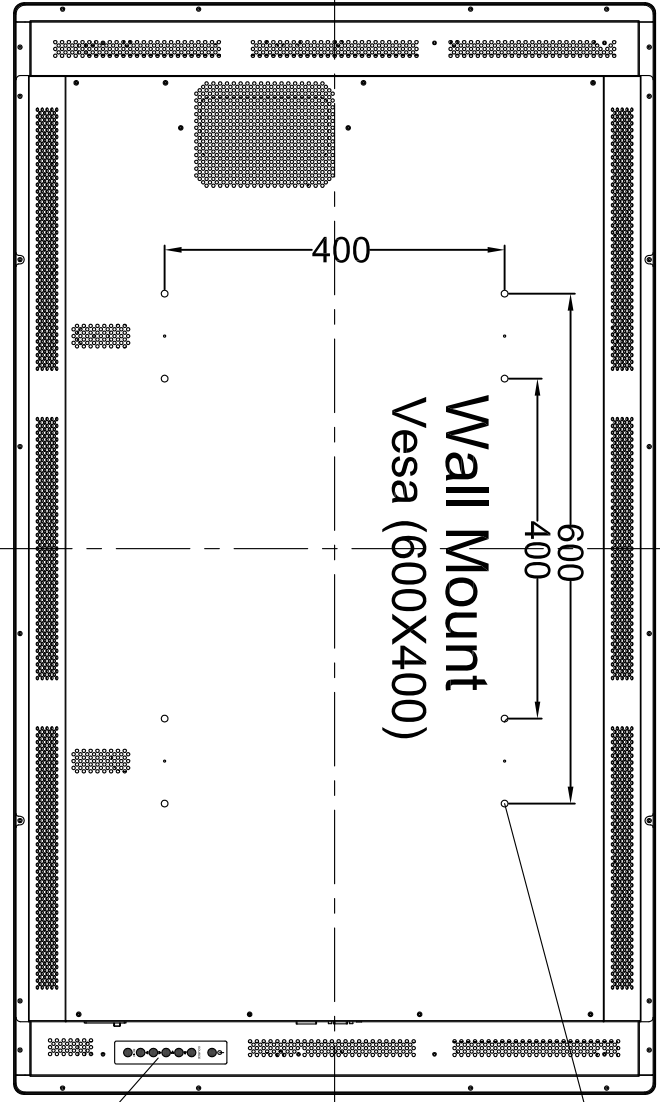
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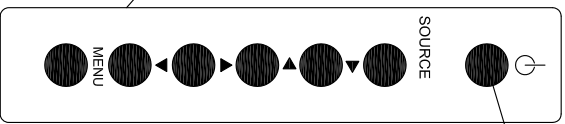
Ver: 02

Rev	Date	Description	By
2			





8-M8 H≤20mm



OSD

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Title: **WTM550UL-WU**

Design: _____

Material: SPCC

Date: 2019.02.22

Scale: NTS

Sheet: 2 of 2

Dwg.No: _____

Ver: 01



Rev	Date	Description	By