

Overview

The TR series embedded open frame touch monitors with multi-point (10 points) projected capacitive (PCAP) touch screen deliver an industrial-grade & reliable solution with wide-angle viewing, outstanding image clarity & accurate touch response that is cost-effective for OEMs and systems integrators. Embedded eye-catching & rugged bezel with edge-to-edge glass and ultra-thin & ultra-narrow edge structure design with patent delivers flat design self-service terminals with high durability and scratch & water resistance. Landscape, portrait and face-up orientation ensures flexible mounting possibilities in almost any installation. Our TR series product line is available in a wide range of sizes, offering the versatility needed for commercial kiosk applications from self-service and gaming to industrial automation, digital signage & healthcare.



Features

Embedded Design

Edge-to-edge glass design ensures seamless and flat integration

Easy to Use

Plug & play, flexible video input interface

Full HD

1920 x 1080 resolution

Reliable and Professional Design

Elegant design with metal structure & plastic front bezel delivers outstanding image clarity

Touch Through Enabled with PCAP

Accurate 10 points touch responses support touch through a front layer of glass with thickness's up to 5mm.

Multi-touch

Support Windows multi-touch protocol

Supported OS

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

Flexible Mounting

Different mounting holes & external brackets making flexible mounting possibilities in almost any installation

Specifications

Display

LED Panel	IPS-Panel ,55inch
Backlight	E-LED (Entry)
Viewable Area	1209.6 x 680.4mm
Brightness	400cd/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)
Touch Technology	No touch version → WTM550TR-NT
Touch Method	Projective Capacitive (PCAP)
	Finger, glove (latex)
Glass Overlay	Active & passive stylus pen
	4mm tempered glass
Water Resistance	Optional AG / AR surface finish
	Support touch in water fog and light rain
Calibration	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	1316.4x 787.2x 52.4 mm
Packing Dimension	1500x 965x220mm
Weight(approx.)	45kg / 55 kg
Wall Mount Method	VESA,MIS-F,200x300 mm,Y,6,90

Electrical

Internal Speakers	8Ω 7W
Power Supply	AC in: 100V~240V (50/60Hz)
Typical Power	≤ 55W (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

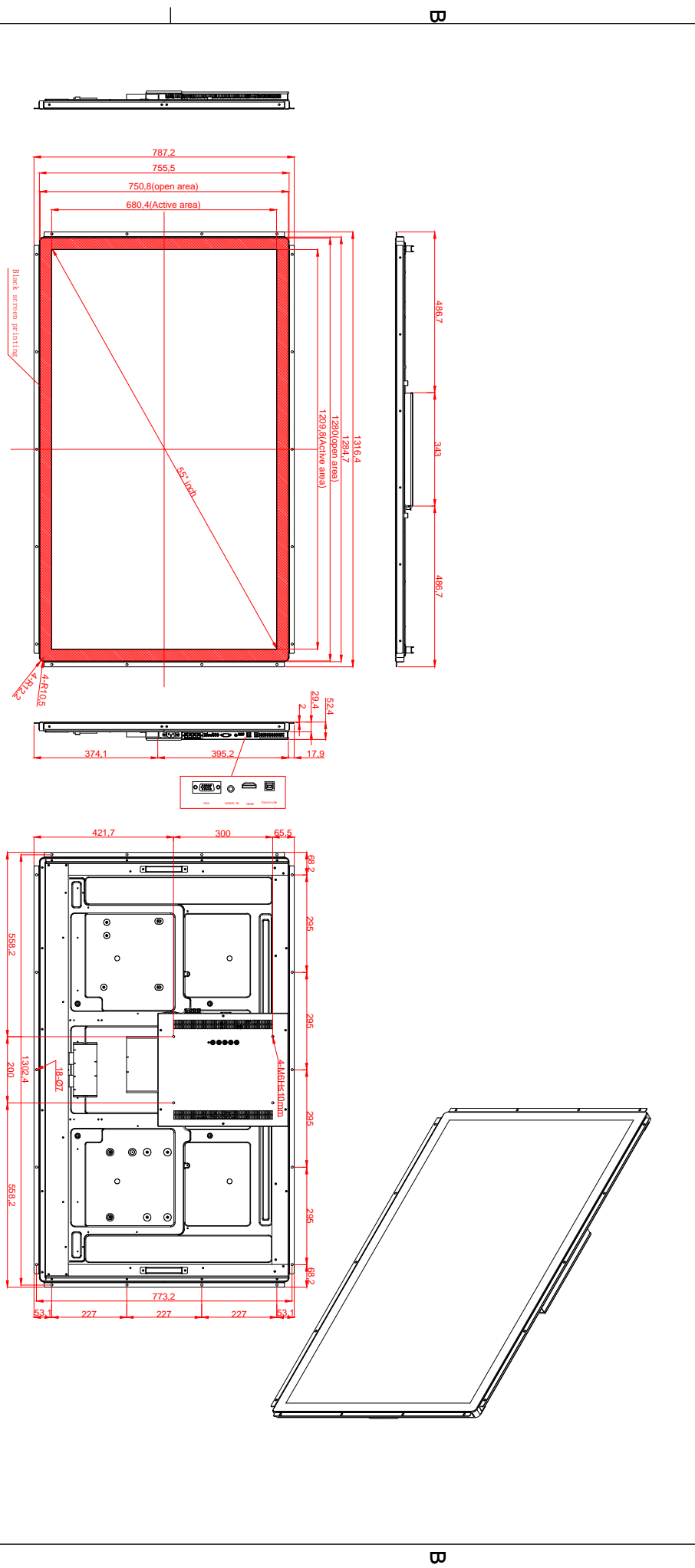
Accessories

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





Tolerance Table	
Dimension Range	Tolerance(mm)
Under 25 mm	0.1
25.1-100 mm	0.2
100.1-250 mm	0.4
250.1-400mm	0.8
400.1-500mm	1.5
500.1-630mm	2.0
630.1-800mm	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: **WTM550TR**

Design: _____

Date: 2020.04.11

Scale: NTS

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DRW NO: _____

Ver: 01



Rev

Date

By