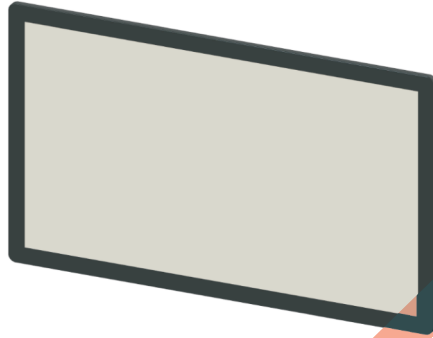


- Professional makes classics
- Development production marketing integration
- SAW & PCAP & IR touch screen
- 3 years warranty



## 42 " Touch Monitor

TSD touch monitor are the most economic touch solutions which designed and developed for OEM and system intergration and widely used in retail ,self- service, gaming and entertainment applications.

Established in 2006,TSD technology is a leading touch solution provider in kunshan , China. Products include PCAP and SAW touch screen,open frame touch monitor,desktop touch monitor and All-in-one touch computer.We concentrate on designing and manufacturing reliable, durable and cost competitive products.

As an outstanding china touchscreen provider,we have experienced electronic engineers and technical experts of the industry who are determined to lead the touch screen industry into a new era of information technology.

We have been granted ISO9001,CE, FCC,Rohs etc.certifications.

## Product Brief

### key technology

Waterproof function: Excellent waterproof performance reach IP65 rate.Add waterproof and dust proof strip between capacitive screen's and aluminum frame. This strip is made of EVA and double-sided tape without substrate material.

Highly transparent EVA material has good capability of withstand low temperature and water resistance and no effect on appearance

Double-sided tape without substrate has perfect waterproof performance which can adhere object well and prevent the drop.

Good dimensional stability, can be applied to a wider temperature range and harsh surroundings.

Architectural design:True flat screen frame made of SPCC material.Through high temperature dusting, the black powder even cover the aluminum frame surface.Toughened and frame printed in black capacitive screen who connecting with the black aluminum frame fully.The capacitive screen with pure black edge embedded into the black appearance frame seamless,showing a pure black effect.

### Key structure

Support multi touch function

A finger or touch pen

USB touch interface, plug and play

VGA/DVI/HDMI display interface

Toughened glass capacitive screen

16:9 wide display screen

Free optional accessories

### Application

Finance

Gaming

Transportation

Advertisement

Trade

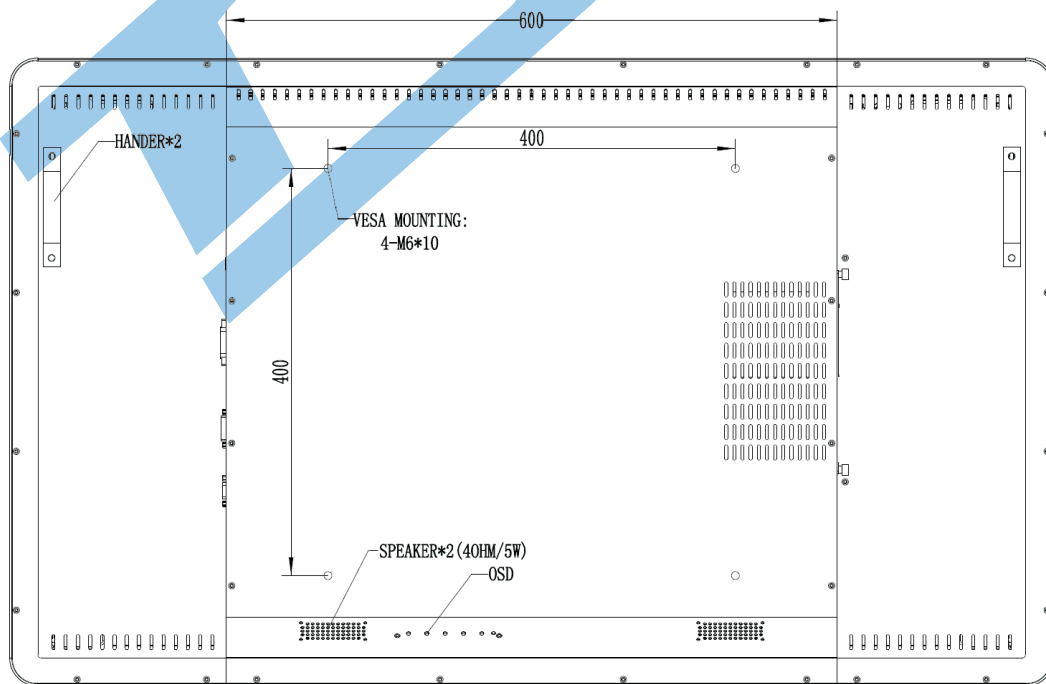
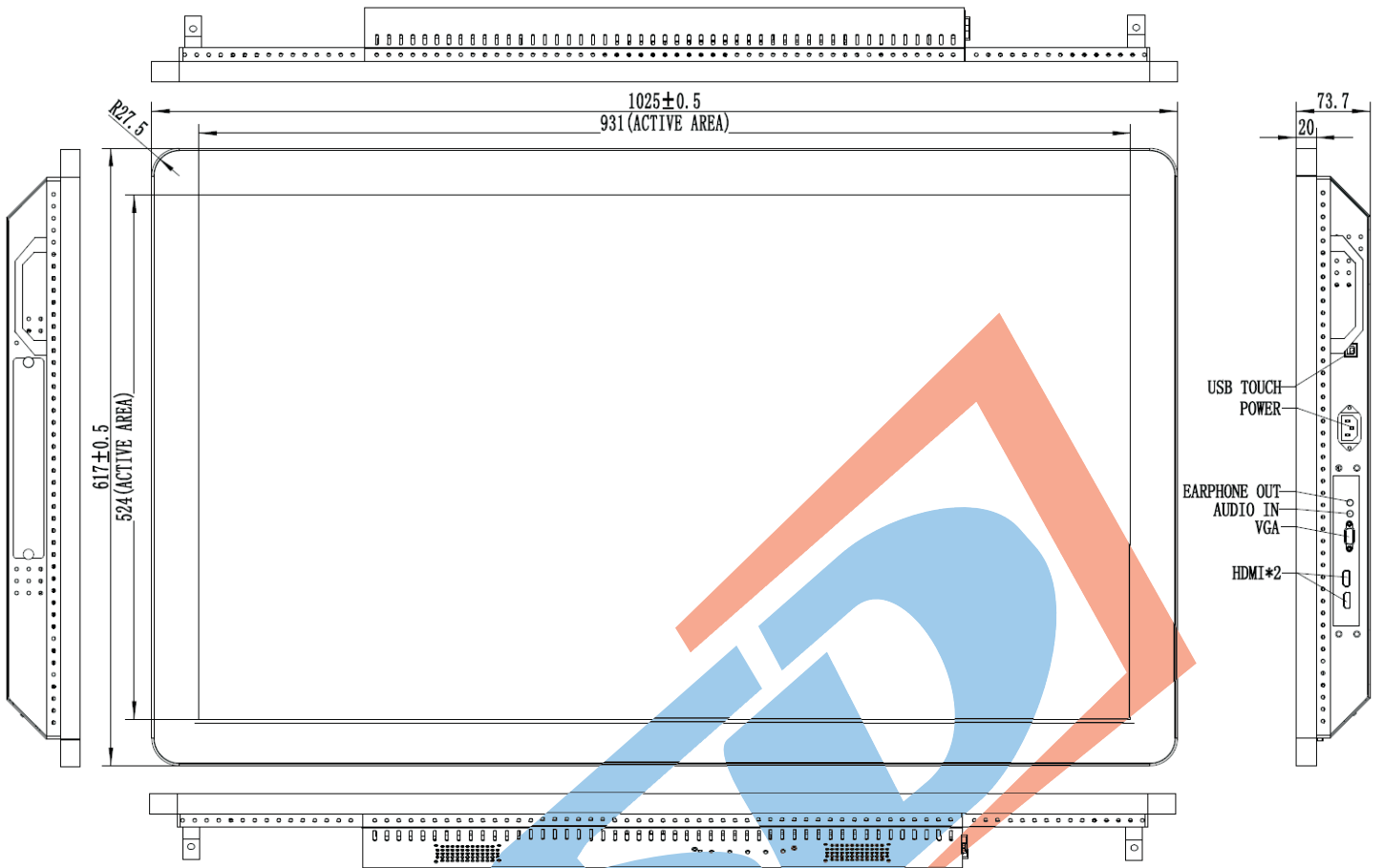
Post and telecommunications

Tax revenue

Insurance

### Version:A0

# Product Drawing



## Technical parameters

### Display specification

Model	IDS420
Display size	16 : 9
Active area	930.24 (W)mm x 523.26 (H) mm
Native resolution	1920x1080@60Hz
Pixel pitch	0.4845(mm) x 0.4845(mm)
Colors	16.7M
Brightness(typical)	LED panel: 400 nits
	Display: 344 nits
Contrast ratio(typical)	3000:1
Response time(typical)	6.5 ms
Viewing angle(typical)	R/L:89/89° (typ) U/D:89/89° (typ)
Input interface	VGA、DVI、HDMI
OSD	Contrast, Brightness, Horizontal vertical image size and position, Color temperature, The language selection, RESET, Exit OSD.

### Touch Specifications

Dimensions	42 " PCAP
Touch point	10 points
Touch accuracy	2mm
Minimum touch body	Ø7mm
Touch activation force	10g
Touch response time	10ms (typ)
IC	ILITeK
Material	3 mm strengthen glass
Surface durability	Mohs' 7H
Light transmission	86%
Touch resolution	4096*4096
Input method	Finger、Touch pen
Expected life performance	50,000,000 times

## Technical parameters

### Other Specifications

Power supply	AC 100V-240V)		
IP(touch screen with frame)	IP 65		
MTBF	50,000h		
Dimensions	Product: 1025.0mm*617.0mm*73.7mm		
	Package: 1445.0mm*1020.0mm*280.0mm		
Weight	Product: 26kg		
	Package: 32kg		
Temperature	Operating: 0° C ~ 40°C		
	Storage: -20° C ~ 60°C		
Humidity	Operationg: 20%~80%		
	Storage: 10%~90%		
Accessories(standard)	Signal Cables	Connector	USBA-USBB
		Length	1.8 m ± 30mm
		Color	Gray white
	VGA Cord	Type	D-SUB 15Pin
		Length	1.8 m ± 30mm
		Color	Black
	Power Cord	Type	American three plug 18/3C +SJT 105 degrees C
		Length	1.8 m ± 30mm
		Color	Black
	Accessories(optional)	DVI Cord	Connector
Length			1.8 m ± 30mm
Color			Black
HDMI Cord		Type	HDMI1.3 Type A-Type A
		Length	1.8 m ± 30mm
		Color	Black
Audio Cord		Type	1-1,A-A 1.5m
		Length	3.5 m ± 30mm
		Color	Black
DP Cord		Connector	DPA-HDMIA
	Length	1.8 m ± 30mm	
	Color	Black	