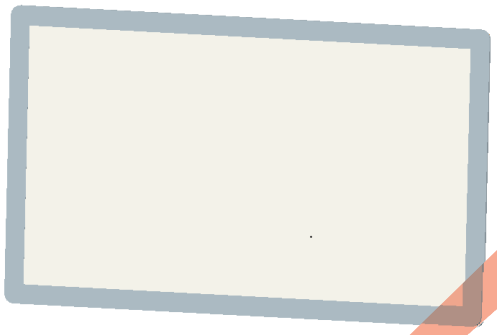
TSD特思达
Touch Systems & Displays

- **Professional makes classics**
- **Development Production Marketing integration**
- **SAW &PCAP&IR touch screen**
- **3 years warranty**



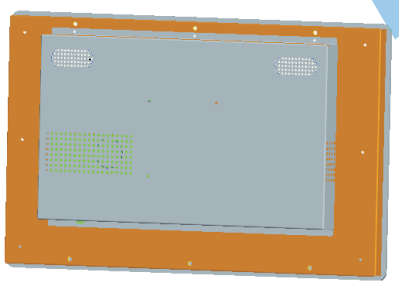
23.6 " IDS All-In-One Computer

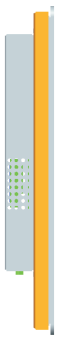
TSD IDS All-In-One touch computer is for OEMand system integrators and design and development of the best economic cost-benefit touch solutions, making TSD touch display products in retail,self-service gaming and entertainment applications more competitive.

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 desiging and manufacturing reliable, durableand cost competive products.

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

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





Product Brief

Key structure

Support multi touch function
A finger or touch pen
USB touch interface, plug and play
Toughened glass capacitive screen
16:9 display screen
Free optional accessories

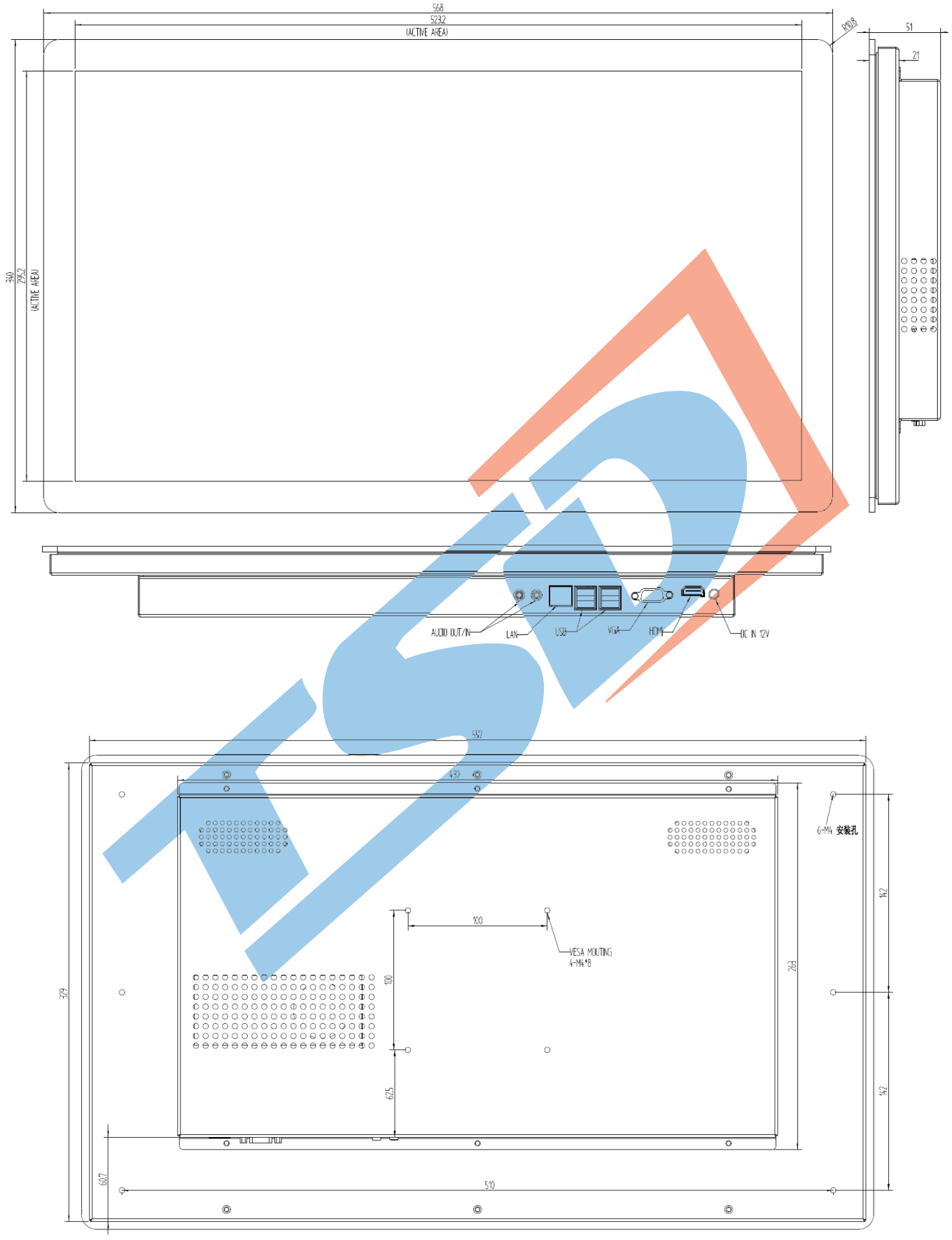
Application

Finance
Gaming
Transportation
Advertisement
Trade
Post and telecommunications
Tax revenue
Insurance

Version: A0

Date: 2017.08.16

Product Drawing



Technical parameters

Display specification			
Model	IDS236		
Display size	16 : 9		
Active area	521.28 (H)mm x 293.22 (V) mm		
Native resolution	1920x1080@60Hz		
Pixel pitch	0.2715(mm) x 0.2715(mm)		
Colors	16.7M		
Brightness(typical)	LED panel: 250 nits		
	Display: 215 nits		
Contrast ratio(typical)	3000:1		
Response time(typical)	25 ms		
Viewing angle(typical)	R/L:89/89° (typ) U/D:89/89° (typ)		
Touch Specifications			
Touch screen	23.6 " 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		
PC Specifications			
CPU	Intel Celeron 1037U	Intel Ivy Bridge Core I3	Intel Ivy Bridge Core I5
Display adapter	Intel integrate HD Graphic	Intel®HDGraphics4000	Intel®HDGraphics4000
Chipset	Intel NM70	Intel HM77	Intel HM77
Memory	4G		
Hard Disk Drive	120G		
Speaker	3W/8ohm (optional)		
USB	USB*2		
Video Support	Integrate Realtek Audio Device		
LAN	RJ45/WIFI		
Operating System	Windows XP,Windows Vista,Windows 7,Windows 8		

Technical parameters

Other Specifications			
Power supply	DC: +12VDC ±5% (Adapter input:AC 100V-240V)		
IP(touch screen with frame)	IP 65		
MTBF	50,000h		
Dimensions	Product: 568.0mm*51.0mm*340.0mm		
	Package: 663.0mm*178.0mm*455.00mm		
Weight	Product: 12.0kg		
	Package: 16.0kg		
Temperature	Operating: 0° C ~ 40°C		
	Storage: -20° C ~ 60°C		
Humidity	Operating: 20%~80%		
	Storage: 10%~90%		
Accessories(standard)	Signal Cables	Connector	USBA-USBB
		Length	1.8 m ± 30mm
		Color	Gray white
	Power Cord	Type	M120500P911(12V 5A)
		Color	Black
Accessories(optional)	VGA Cable	Type	D-SUB 15Pin
		Length	1.8 m ± 30mm
		Color	Black
	DVI Cable	Connector	Double header 24+1
		Length	1.8 m ± 30mm
		Color	Black
	HDMI Cable	Type	HDMI1.3 Type A-Type A
		Length	1.8 m ± 30mm
		Color	Black
	Audio Cable	Type	1-1,A-A 1.5m
		Length	3.5 m ± 30mm
		Color	Black

Note: Panel and specifications subject to change without notice.