

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



15.6 " Touch Monitor

This 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, the manufacturer 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 scre-e'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

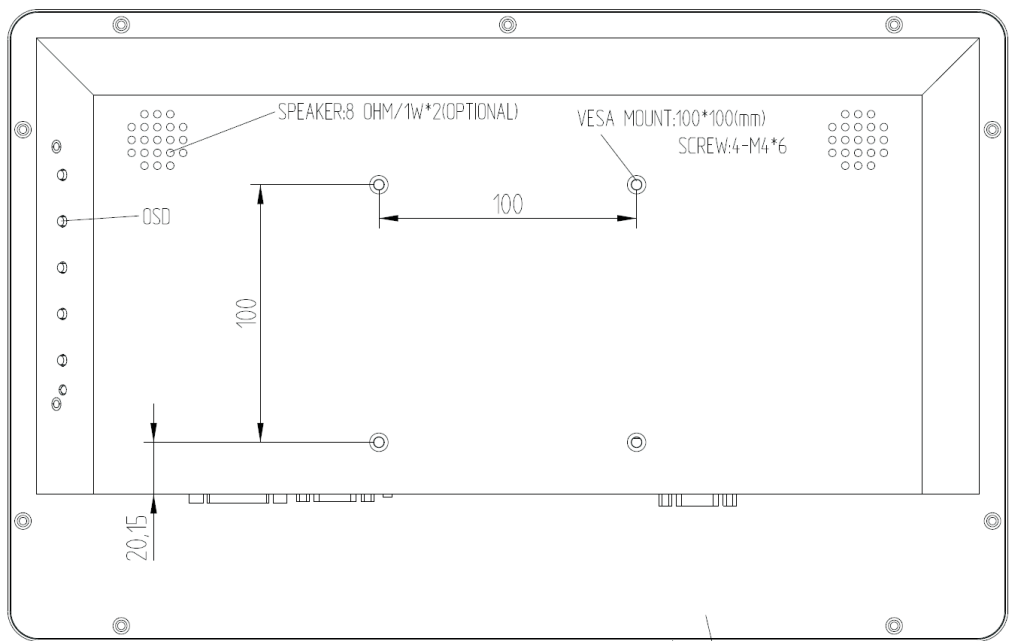
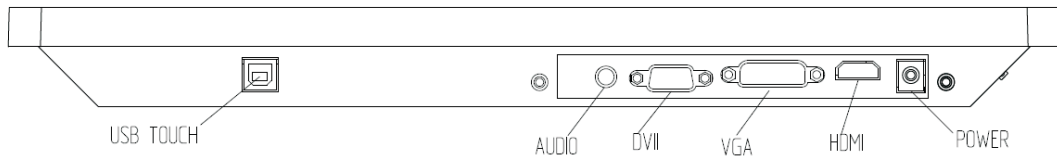
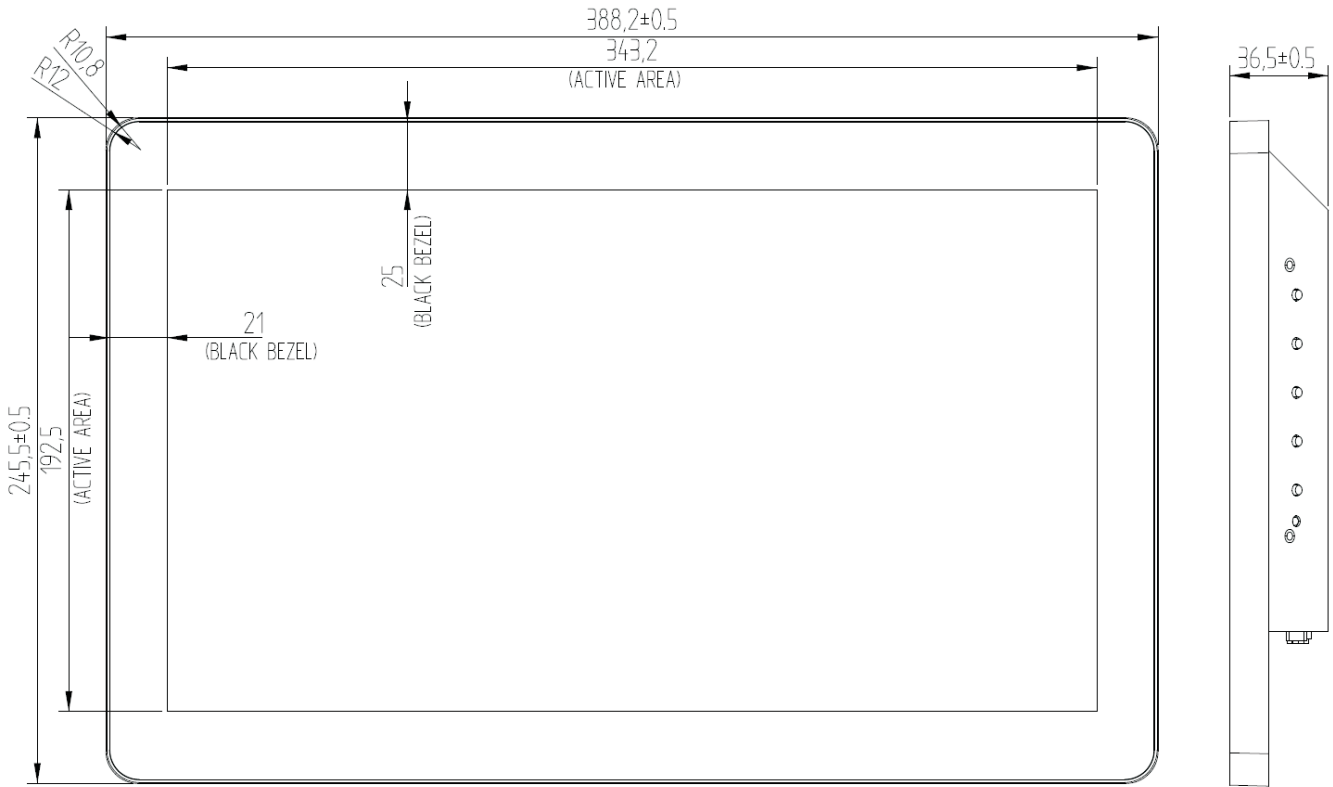
Application

- Finance
- Gaming
- Transportation
- Advertisement
- Trade
- Post and telecommunications
- Tax revenue
- Insurance

Version:A0

Date: 2017.10.18

Product Drawing



BACK COVER : METAL , BLACK
FRAME : PLASTIC , SILVER

Technical parameters

Display specification

Model	MACHiTL156
Display size	16 : 9
Active area	344.16 (H)mm x 193.59 (V) mm
Native resolution	1920 x 1080@60Hz
Pixel pitch	0.17925(mm) x 0.17925(mm)
Colors	262K
Brightness(typical)	LED panel: 500 nits
	Display: 428 nits
Contrast ratio(typical)	800:1
Response time(typical)	30 ms
Viewing angle(typical)	R/L:85/85° (typ) U/D:85/85° (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

Touch screen	15.6 " PCAP
Touch point	10 points
Touch accuracy	2mm
Minimum touch body	Ø7mm
Touch activation force	10g
Touch response time	10ms (typ)
IC	ILITeK
Material	2mm 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	DC: +12VDC \pm 5% (Adapter input:AC 100V-240V)		
IP(touch screen with frame)	IP 65		
MTBF	50,000h		
Dimensions	Product: 388.2mm*245.5mm*36.5mm		
	Package: 453.0mm*430.0mm*157.0mm		
Weight	Product: 4.0kg		
	Package: 5.0kg		
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 \pm 30mm
		Color	Gray white
	VGA Cord	Type	D-SUB 15Pin
		Length	1.8 m \pm 30mm
		Color	Black
	Power Cord	Type	American three plug 18/3C +SJT 105 degrees C
		Length	1.8 m \pm 30mm
		Color	Black
Accessories(optional)	DVI Cord	Connector	Double header 24+1
		Length	1.8 m \pm 30mm
		Color	Black
	HDMI Cord	Type	HDMI1.3 Type A-Type A
		Length	1.8 m \pm 30mm
		Color	Black
	Audio Cord	Type	1-1,A-A 1.5m
		Length	3.5 m \pm 30mm
		Color	Black

1 TEST CERTIFICATION

Applicable Standards:	EN 55022:2010/AC:2011 EN 61000-3-2:2006/ A2:2009 EN 61000-3-3:2013	EN 55024 :2010 IEC 61000-4-2 ed2.0 (2008-12) IEC 61000-4-3 ed3.2 Consol. with am1&2 (2010-04) IEC 61000-4-4 ed3.0 (2012-04) IEC 61000-4-5 ed2.0 (2005-11) IEC 61000-4-6 ed4.0 (2013-10) IEC 61000-4-8 ed2.0 (2009-09) IEC 61000-4-11 ed2.0 (2004-03)
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2 TEST RESULT SUMMARY

EMISSION		
Item	Minimum Requirement	Result
Conducted (Power Port)	Meets Class B Limit	PASS
Conducted (Telecom port)	Meets Class B Limit	N/A
Radiated	Meets Class B Limit	PASS
Harmonic current emissions	Meets the requirements	PASS
Voltage fluctuations & Flicker	Meets the requirements	PASS

IMMUNITY		
Item	Minimum Requirement	Result
ESD	Meets the requirements of Performance Criterion B	PASS
RS	Meets the requirements of Performance Criterion A	PASS
EFT	Meets the requirements of Performance Criterion B	PASS
Surge	Meets the requirements of Performance Criterion B	PASS
CS	Meets the requirements of Performance Criterion A	PASS
PFMF	Meets the requirements of Performance Criterion A	PASS
Voltage dips & voltage variations	Meets the requirements of Voltage Dips: 1) >95% reduction Performance Criterion B 2) 30% reduction Performance Criterion C Voltage Interruptions: 1) >95% reduction Performance Criterion C	PASS