



## COMPANY PROFILE

Shenzhen An-touch Technology CO.,LTD, established in 2015, is a hi-tech industry which is professional in the research & development, producing different size (7inch-86inch) capacitive touch screen ,PCAP+LCD and touch monitor with experienced team, advanced equipment, super solution capability.

Our products are widely used in military、MT、industrial equipment、education、smart home、air ship、medical equipment and so on, sold in domestic and foreign market especially in China, regions as Canada ,Korea, USA by OEM and ODM, and obtain ISO9001.

## Company Equipment

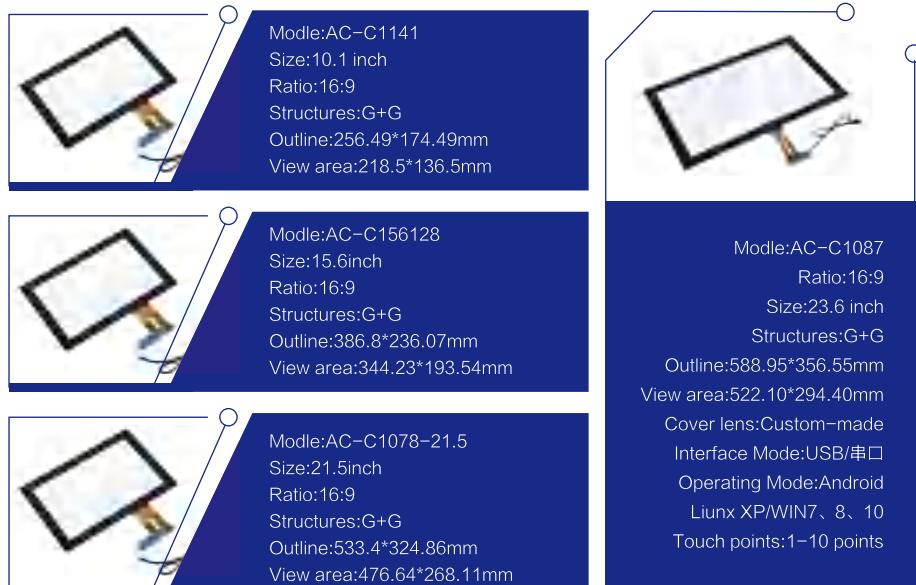


## Capacitive Touch screen

In daily life, touch operations are ubiquitous. Most of the capacitive touch screens can be suitable in common situation. However, in the high quality controlling area such as industrial, medical and others with special requirement, the normal touch function screen can not work.

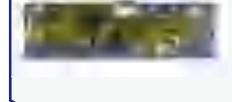


An-touch industrial control touch screen is specially designed for high-temperature, high-pressure, and humidity complexing working environment, with the size from 7 inch-65 inch, and using in different area application.



## USB controller

ILITEK 2511  
USB Controller

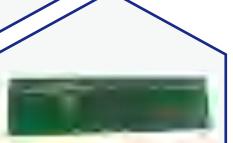


ILITEK 2510-0.3  
USB Controller

ILITEK 2312  
USB Controller



EETI 80W46  
USB Controller



ILITEK 2325  
USB Controller

### 01 Flexible Operation with Gloves

Gloves can be drawn directly and normally without jumping points. Support glove work of various types and thicknesses.



### 02 Waterproof and Oil Proof

There are a lot of water droplets on the surface of touch screen, which can still be scribed normally.

Freshwater, brine and oil droplets can be used normally.



### 03 Support Active Pen

Active pen type is complete, can cover 7 inch - 65inch. Authoritative certification. Precision and linearity, supporting anti-palm mistouch, suspension positioning and pen tip pressure sensing function.

### 04 Thick Glass Touch

Capacitive Touch Screen + Protective Glass for Normal Use in Protective Glass Shell.

The theoretical limit thickness is 20mm, the conventional thickness is 6mm 8mm, 10mm and 12mm.



## G+G CTP

Size available from 7" to 65" , AG/AF/AR/Mirror CTP,G+G structure is recommended, thickness from 0.55~12mm, 10 points touch.



## OCA Optical Bonding

We have production line for OCA Optical bonding, use OCA for LCD without metal frame, use OCR silicone glue for the LCD with metal frame.



## Super slim black ink screen design

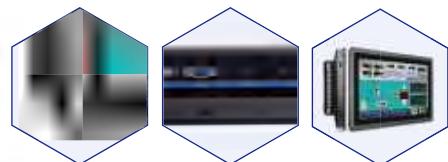
We have production line for OCA Optical bonding, use OCA for LCD without metal frame, use OCR silicone glue for the LCD with metal frame.



## GFF curved CTP

Used in Casino kiosk, Gaming machine etc...

We have built our own standard touch monitor and also can supported customize open metal frame touch monitor,Both plastic and metal case are available.



## Optical(No air-layer)Bonding

Surface light reflection and intra panel reflection losses:<0.3%

- ✓ Touch Display Integration
- ✓ High Contrast Ratio
- ✓ Thinner & lighter
- Difficult To Assemble
- High Cost

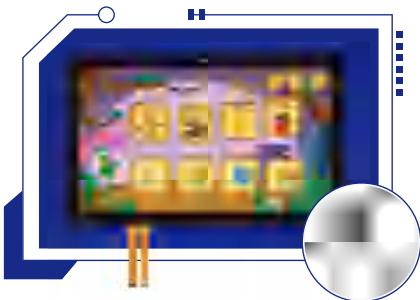
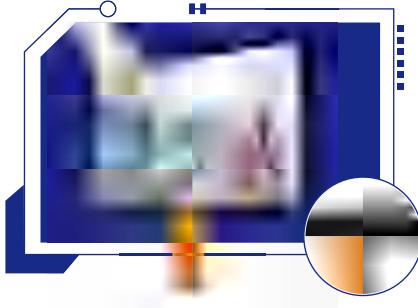
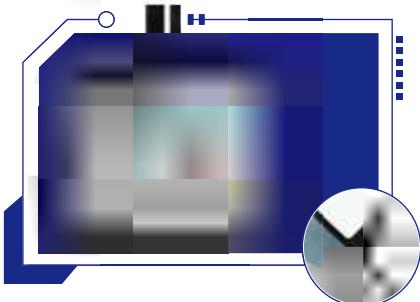


## Frame(air-layer)Bonding

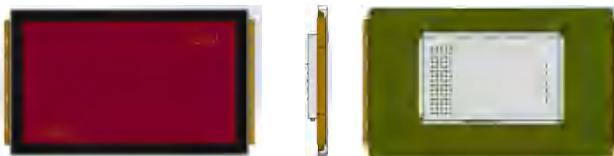
Surface light reflection and intra panel reflection losses:<5%~20%

- ✓ Touch Display Integration
- ✓ Easy to Assemble
- Slight Reflection



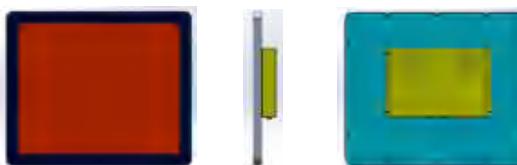
**Education Appliance****Medical device****Industrial Touch  
Monitor & Panel PCs****Smart home/TV****Self-service equipment****POS Terminals**

## 21.5" Embedded Open-Frame Touch Monitor



General	
Series	Metal-casedopenframe
LCD Type	21.5" TFT-LCD
Video Input	VGA and HDMI-optional
OSD controls	adjustments of Brightness,Contrast Ratio,Auto-adjustPhase ClockH/Location,LanguagesFunctionReset
Power Supply	Type:External brick Voltage/Current: 12 volts at 4 Amps max
Mount Interface	1)VESA100mm/75mm
LCD Specification	
Active Area(mm)	476.64(H)x268.11(V)
Resolution	1920*1080
Dot Pitch(um)	0.24825(H)*0.24825(V)
Nominal Input Voltage VDD	5V(Typ)
Viewing angle(v/h)	89°(CR>10)
Contrast	1000.00
Luminance(cd/m2)	250cd/m2
ResponseTime(Rising/Falling)	20ms
Support Color	16.7M(6bit+2FRC)
Backlight MTBF(hr)	15000 (Min)
Touchscreen Specification	
Type	Capacitive Touch screens
Resolution	4096*4096
Light Transmission	>86%
Touch Driver IC	ILITEK,EETI- optional
Touch Response time	<5ms
Touch System Interface	USB interface
Power consumption	+5V@80mA
External AC Power Adapter	
Output	DC 12V/4A
Input	100-240 VAC, 50-60Hz
MTBF	50000 hr at 25°C
Environment	
Operating Temp	0~50°C
Storage Temp.	-20~60°C
Operating RH:	20%~80%
Storage RH:	10%~90%
Components	
USB Cable 100cm*1 Pcs	
HDMI Cable 100cm*1 Pcs,(option)	
Power Cord with Switching Adapter*1 Pcs	

## 17.0" Touch Monitor



Specification	
General	
Series	Metal-casedopenframe
LCD Type	17.0TFT-LCD
Video Input	VGA and HDMI-optional
Power Supply	Type: External brick Voltage/Current: 12 Volts at 4 Amps max
LCD Specification	
Active Area(mm)	337.00(H)*270.00V
Resolution	1280x3(RGB)x1024
Dot Pitch(um)	0.264(perone triad)*0.264
Nominal Input Voltage VDD	5.00
Viewing angle(v/h)	>85°(CR=10)
Contrast	1000:1(Typ.)
Luminance(cd/m2)	250cd/m2
ResponseTime(Rising/Falling)	8ms
Support Color	16.7M colors
Backlight MTBF(hr)	15000 (Min)
Touchscreen Specification	
Type	Capacitive Touch screens
Resolution	4096*4096
Light Transmission	>86%
Touch Driver IC	ILITEK
Touch Response time	<5ms
Touch System Interface	USB interface
Power consumption	5V±0.25@80mA
Environment	
Operating Temp	0~50°C
Storage Temp.	-20~60°C
Operating RH:	20%~80%
Storage RH:	10%~90%
Components	
USB Cable 100cm*1 Pcs for CTP,	
100cm HDMI Cable	
100cm*1 Pcs,(option)(AC110~240V DC 12V4A)	

## 10.1" Touch Monitor



Specification	
<b>General</b>	
Series	Metal-cased openframe
LCD Type	10.1TFT-LCD
Video Input	VGA and HDMI-optional
OSD controls	Allow on-screen adjustments of Brightness, Contrast Ratio, Auto-adjust, Phase , Clock, H/V Location, Languages, Function, Reset
Power Supply	Type: External brick Input(line)voltage:100-240VAC, 50-60 Hz Output voltage/current: 12 volts at 4 amps max
Mount Interface	1)VESA 100mm 2)Mount bracket, horizontal or vertical
<b>LCD Specification</b>	
Active Area(mm)	216.96(H)x135.60(V)
Resolution	1280*800
Dot Pitch(um)	56.5(H)*169.5(V)
Nominal Input Voltage VDD	+3.3VTyp)
Viewing angle(v/h)	85(CR>10)
Contrast	1000:1
Luminance(cd/m <sup>2</sup> )	300cd/m <sup>2</sup>
Response Time(Rising/Falling)	30ms
Support Color	16.7M colors
Backlight MTBF(hr)	50000
<b>Touchscreen Specification</b>	
Type	Capacitive Touch screens
Resolution	4096*4096
Light Transmission	>86%
Touch Driver IC	ILITEK,EETI- optional
Touch Response time	<5ms
Touch System Interface	USB interface
Power consumption	+5V@80mA
<b>External AC Power Adapter</b>	
Output	DC12V/4A
Input	100-240VAC, 50-60 Hz
MTBF	50000 hr at 25°C
<b>Environment</b>	
Operating Temp.	0~50°C
Storage Temp.	-20~60°C
Operating RH:	20%~80%
Storage RH:	10%~90%
<b>Components (-optional)</b>	
USB Cable 100cm*1 Pcs, VGA Cable 100cm*1 Pcs, Power Cord with Switching Adapter*1 Pcs, Bracket*1Pcs	

## 13.3" Touch Monitor



Specification	
<b>General</b>	
Series	Metal-cased openframe
LCD Type	13.3" TFT-LCD
Video Input	VGA and HDMI-optional
OSD controls (optional)	Adjustments of Brightness, Contrast Ratio, Auto-adjust, Phase , Clock, H/V Location, Languages, Function, Reset
Power Supply	Type: External brick Input(line)voltage:100-240VAC, 50-60 Hz Output voltage/current: 12 volts at 4 Amps
Mount Interface	1)VESA 100mm 2)Mount bracket, horizontal or vertical
<b>LCD Specification</b>	
Active Area(mm)	293.76(H)x165.24(V)
Resolution	1920*1080
Dot Pitch(um)	153(H)*153(V)
Nominal Input Voltage VDD	+3.3VTyp)
Viewing angle(v/h)	85(CR>10)
Contrast	800 (O = 0°)
Luminance(cd/m <sup>2</sup> )	250cd/m <sup>2</sup>
Response Time(Rising/Falling)	30ms
Support Color	262k (6bit)
Backlight MTBF(hr)	50000
<b>Touchscreen Specification</b>	
Type	Capacitive Touch screens
Resolution	4096*4096
Light Transmission	>86%
Touch Driver IC	ILITEK,EETI- optional
Touch Response time	<5ms
Touch System	USB interface
Power consumption	+5V@80mA
<b>External AC Power Adapter</b>	
Output	DC12V/4A
Input	100-240VAC, 50-60 Hz
MTBF	50000 hr at 25°C
<b>Environment</b>	
Operating Temp.	0~50°C
Storage Temp.	-20~60°C
Operating RH:	20%~80%
Storage RH:	10%~90%
<b>Components (-optional)</b>	
USB Cable 150cm*1 Pcs, 150cm HDMI to micro HDMI Cable, 100cm Power cable with open wires,	

## 14.0" Touch Monitor



Specification	
<b>General</b>	
Series	Metal-cased openframe
LCD Type	14.0" TFT-LCD
Video Input	VGA and HDMI-optional
OSD controls	Adjustments of Brightness, Contrast Ratio, Auto-adjust, Phase , Clock, H/V Location, Languages, Function, Reset
Power Supply	Type: External brick Input(line) voltage:100-240VAC, 50-60 Hz Output voltage/current: 12 volts at 4 Amps
Mount Interface	1)VESA 100mm 2)Mount bracket, horizontal or vertical
<b>LCD Specification</b>	
Active Area(mm)	309.312(H)x173.988(V)
Resolution	1920*1080
Dot Pitch(um)	161.1(H)*161.1(V)
Nominal Input Voltage VDD	+3.3V(Typ)
Viewing angle(v/h)	89(CR>10)
Contrast	1200 (0 = 0°)
Luminance(cd/m <sup>2</sup> )	250cd/m <sup>2</sup>
Response Time(Rising/Falling)	30ms
Support Color	16.7M ( 6bit )
Backlight MTBF(hr)	50000
<b>Touchscreen Specification</b>	
Type	Capacitive Touch screens
Resolution	4096*4096
Light Transmission	>86%
Touch Driver IC	ILITEK,EETI- optional
Touch Response time	<5ms
Touch System Interface	USB interface
Power consumption	+5V@80mA
<b>External AC Power Adapter</b>	
Output	DC12V/4A
Input	100-240VAC, 50-60 Hz
MTBF	50000 hr at 25°C
<b>Environment</b>	
Operating Temp.	0~50°C
Storage Temp.	-20~60°C
Operating RH:	20%~80%
Storage RH:	10%~90%
<b>Components (-optional)</b>	
USB Cable 100cm*1 Pcs,	
VGA Cable 100cm*1 Pcs,	
Power Cord with Switching Adapter*1Pcs,	
Bracket* 1Pc	

## 15.6" Touch Monitor



Specification	
<b>General</b>	
Series	Metal-cased openframe
LCD Type	15.6" TFT-LCD
Video Input	VGA and HDMI-optional
OSD controls	Allow on-screen adjustments of Brightness, Contrast Ratio, Auto-adjust, Phase , Clock, H/V Location, Languages, Function, Reset
Power Supply	Type: External brick Voltage/Current:12volts at 3Amps max
Mount Interface	1)VESA 100mm
<b>LCD Specification</b>	
Active Area(mm)	344.16(H)x193.59(V)
Resolution	1920(H)*1080(V)
Dot Pitch(um)	179.25(H)*179.25(V)
Nominal Input Voltage VDD	+3.3V(Typ)
Viewing angle(v/h)	85° (CR>10)
Contrast	800
Luminance(cd/m <sup>2</sup> )	300cd/m <sup>2</sup>
Response Time(Rising/Falling)	20ms
Support Color	16.7M ( 6bit +2FRC)
Backlight MTBF(hr)	15000 (Min)
<b>Touchscreen Specification</b>	
Type	Capacitive Touch screens
Resolution	4096*4096
Light Transmission	>86%
Touch Driver IC	ILITEK,EETI- optional
Touch Response time	<5ms
Touch System Interface	USB interface
Power consumption	+5V@80mA
<b>External AC Power Adapter</b>	
Output	DC12V/4A
Input	100-240VAC, 50-60 Hz
MTBF	50000 hr at 25°C
<b>Environment</b>	
Operating Temp.	0~50°C
Storage Temp.	-20~60°C
Operating RH:	20%~80%
Storage RH:	10%~90%
<b>Components</b>	
USB Cable 180cm*1 Pcs,	
VGA Cable 180cm*1 Pcs,	
Power Cord with Switching Adapter*1Pcs,	
Bracket* 8Pcs(option)	



Shenzhen an-touch technology CO.,ltd  
深圳市安触科技有限公司

- 0755-29356531
- 0755-23142811
- Address: 6th Floor, Workshop Building A1, 3rd Floor, Office Building A1, Shangyu Science Park, No. 26, Longgang Avenue, Longgang Street, 518105 Bao'an District, Shenzhen, Guangdong, China.
- 深圳市宝安区松岗镇松岗社区松岗大道26号商宇科技园A1栋302, 601室
- [www.an-touch.cn](http://www.an-touch.cn)



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