



FUJIAN WIWO ELECTRONIC TECHNOLOGY CO., LTD.

Professional Manufacturer of
Capacitive Touch Screens
OEM / ODM

COMPANY INTRODUCTION



Fujian WIWO Electronic Technology Co., Ltd. is a high-tech company who is specializing in researching, designing, manufacturing and sales of touch screens. Our manufacturing base is located in Zhangzhou next to Xiamen. We are one of the main manufacturers of touch screens in the industry.

WIWO has introduced international advanced manufacturing equipment, equipped with 100 & 1,000 grade dust-free workshops, and passed the certification of ISO 9001: 2015, ISO 14001: 2015 and IATF 16949: 2016, to ensure that the touch screen meets the requirements of production process and environmental, and provides high-quality touch screens for customers in various industries around the world. In the spirit of continuous research and development and active innovation, WIWO R&D team takes customized industrial projected capacitive touch screen products as the core, and provides excellent touch technical support, from concept to design, implementation and customer service to meet customers' specific applications need.

COMPANY INTRODUCTION



Founded: 2016	Registered capital: 10 million CNY
Total investment: over 30 million CNY	
Plant overview: 5000 m ² of production base, including high standard laboratory, 800 m ² of 100 grade dust-free workshop and 3000 m ² of 1000 grade dust-free workshop.	
Capacity: Touch panel 400K / month; Touch panel bonding with LCD 100K / month	
Range of production: Capacitive touch screen, G-sensor, F-sensor, touch panel bonding with LCD	
Lead time: Standard sample: 3-14 days Custom sample: 25 days Mass order: 28 days	

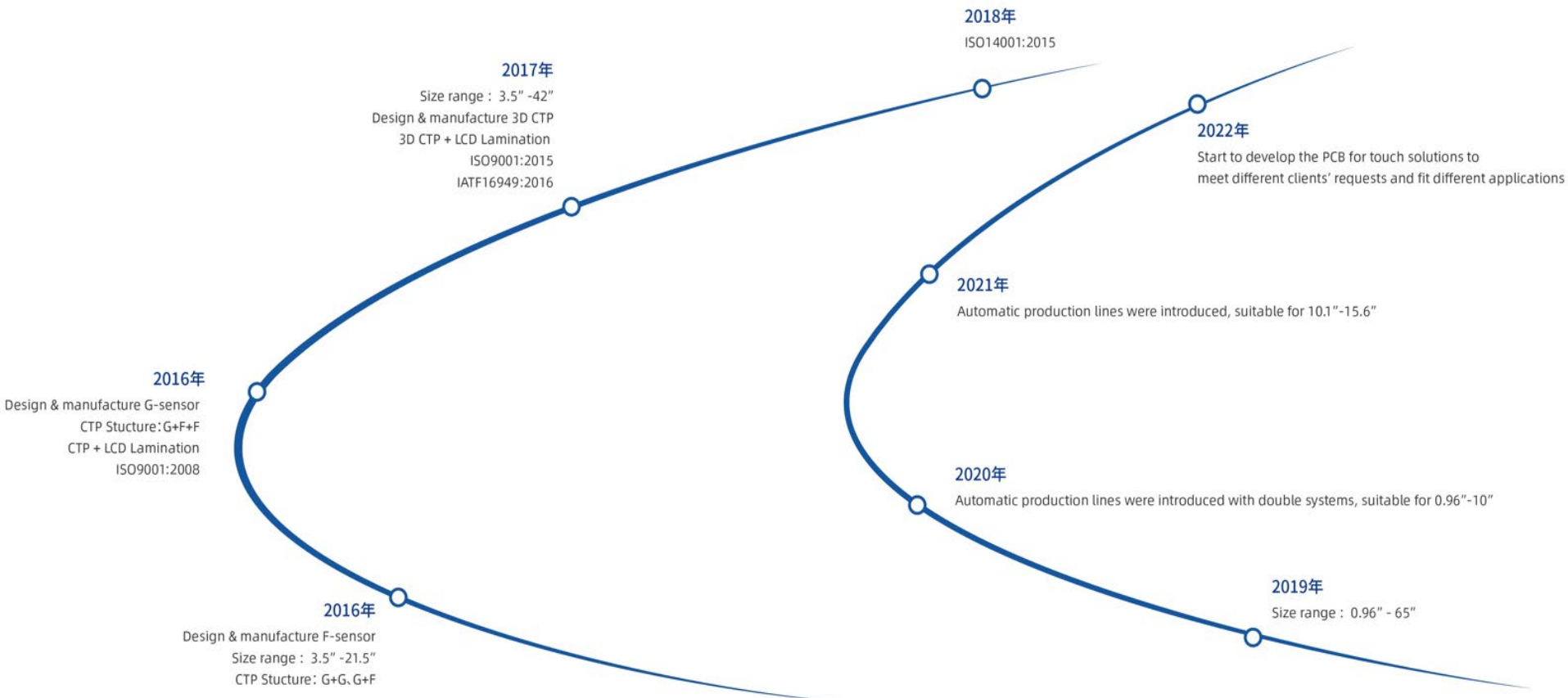
DEVELOPMENT HISTORY

■ Next 5 years schedules

Water glue laminating equipment is going to be introduced to make up for the vacancy of the metal frame LCD full laminating

Increase production line to cover product size to 100"

Increase the development of the control board, so that the project supporting more complete



R&D INNOVATION

WIWO R&D team is committed to innovative developments, and produces high quality touch screens.

Our main R&D force is a group of engineers with over 15 years of experience in the field of touch screen, they are a dynamic and challenging R&D team. They have a comprehensive grasp of capacitive touch screen technology, independent research and development, keep pace with the time to adapt to the changes of the market. And be able to develop new products to meet different clients with different needs, thus establishing WIWO's technical advantages in the industry.



01 COMPLETE R&D PROCESS MANAGEMENT

Evaluate → **Approve** → **Design** → **Sample** → **Trial run** → **MP** → **EOL**

	Project planning & Definition	Product & jig tooling design	Design & process validation	Product line & system validation	Transfer to MP	
Feasibility Review	Project Schedule	BOM	Flowchart	MP document detailed list	MP	Customer service
Feasibility validation	Test plan	Product Spec	PFMEA /CP	PPAP	Technical	EOL
Risk Evaluation	Project Team	Material Spec	SOP/SIP	GR&R	Feasibility support	
	Design targets	Packing Standard	Process card	Yield/		
				Quality goal		
	Quality targets	DFMEA	Program for function test			
				Study		
	Original BOM	Drawing	Affirm key material and Supplier	Manufacture Ability		
	Original Spee	Sample plan	Reliability validation	Study CpK		
	Original Fiow	Sample card	Trial run plan	ECN		
	Chart	Manufacture and Measure Tooling & jig				
Review		Review	Review	Review	Review	

02 RICH PROJECT DEVELOPMENT EXPERIENCE



■ Capacitive touch screen for marine cruise equipment

Resistant to salt water

Touch doesn't jump point under high humidity

EMI shielding film makes the performance of touch screen and equipment more stable

02 RICH PROJECT DEVELOPMENT EXPERIENCE



■ Capacitive touch screen for automobile charging pile

4mm front glass surface with AG treatment

Using industrial control chip IC

To making CTP meet the design requirements of the project in every aspect

02 RICH PROJECT DEVELOPMENT EXPERIENCE



■ Capacitive touch screen for flight simulator equipment

Front glass surface with AG, AR & AF treatment

Production using photolithographic process

Also suitable for some projects with harsh environment and high-performance requirements

02 RICH PROJECT DEVELOPMENT EXPERIENCE



■ Capacitive touch screen for vehicle system equipment

Touch sensitive, stable touch function

Providing safety guarantee for driving

CTP production is in strict accordance with IATF16949

03 R&D PATENTS

As of 2022, WIWO owns independent intellectual property rights, including 3 invention patents, 13 utility model patents and 14 software Copyrights. It is at the leading level in the touch screen technology industry, which effectively guarantees the R&D, production and sales of high-tech products.

At present, in the market the industrial control/IOT touch screens over 42 inches, all need to use our "A kind of capacitive touch screen and its production method" patent technology, WIWO has obvious advantages in the technical field.



03 R&D PATENTS



PRODUCTION PROCESS

01 PROCESS ADVANTAGES

■ ITO glass or film laser process

Mini trace width/ space is 35μm on ITO pattern

■ Auto & semi-auto process for bonding LCD with CTP

The automatic production line can improve the production efficiency by more than 50%, and the yield of lamination is up to 99%.

Semi-automatic production line can flexibly adjust the size / space to produce CTP, the operation space is relatively unrestricted.

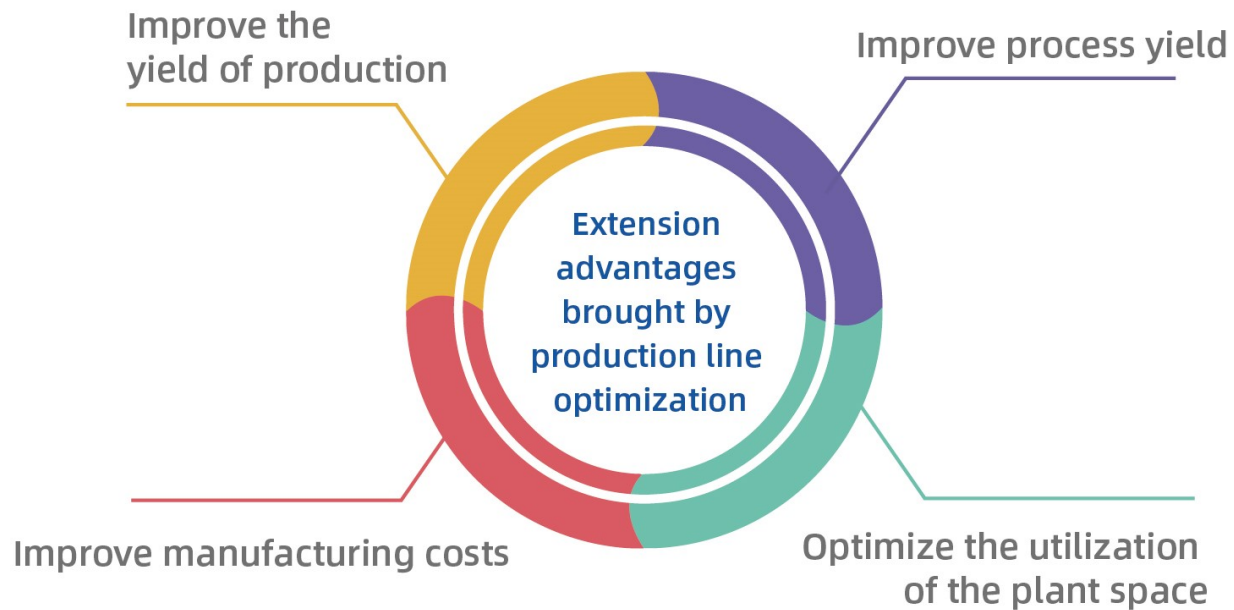
■ Photolithographic process

MoAlMo trace in stead of Ag trace on touch sensor

CTP can be used in harsh environment, and can work at -40°C~85°C

02 EQUIPMENT ADVANTAGES

According to the production demands of the orders, we will evaluate the need to introduce new equipment every year, and optimize the production environment to improve the quality and yield.



Sensor production line

The asset investment of touch sensor production line ensures the product function quality, to provides high quality touch screen to clients



■ Automatic Press



■ IR Furnace



■ Cleaning Line



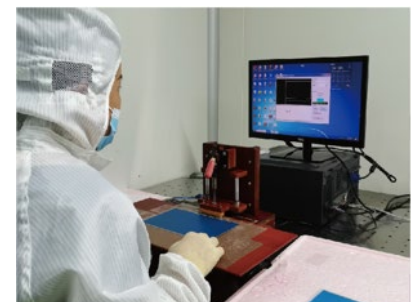
■ Laser Machine



■ UV Machine



■ Glass Cutter



■ Sensor Testing

CTP assembly line

CTP assembly line, from the initial semi-automatic lamination line, to the introduction of the fully automatic lamination line. Using domestic and foreign advanced equipment to set up a optical bonding processing line and a full-process production line with a high degree of automation. Greatly improved production efficiency.



■ Attaching Machine



■ Binding Press



■ FOG Testing



■ Automatic Laminating Facility



■ Vacuum Laminating Machine



■ Defoaming Machine



■ Inspection Bench



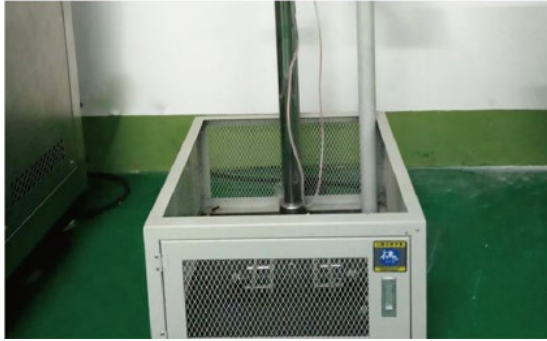
■ UV Machine



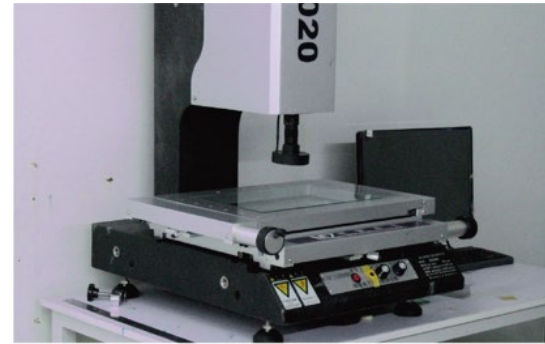
■ Final Testing

Technology experimental equipment

Every product must undergo rigorous experimental testing before it can be presented to customers.



■ Heavy Ball Falling Test Equipment



■ Size Tester



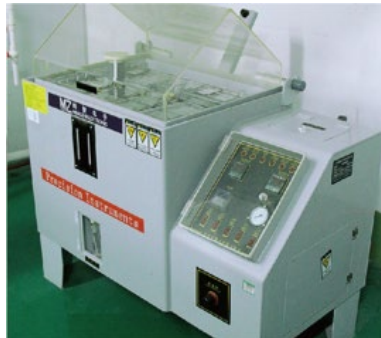
■ Surface Hardness Tester



■ Optical Tester



■ High Temperature and Humidity Equipment



■ Salt-spraying Tester



■ Tensile Tester

QUALITY CERTIFICATION



■ IATF16949



■ ISO9001



■ ISO14001



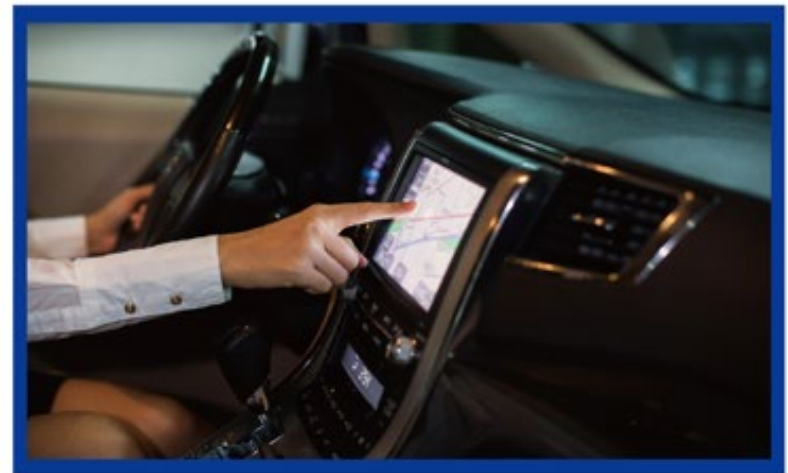
■ REACH



■ ROHS

APPLICATION & CUSTOMIZATION

With the rapid development and application of touch technology in the fields of finance, telecommunications, public media, entertainment, news display, conference systems, traffic, medical and education, etc. The application of touch technology will be one of the essential topics in the future. In terms of touch, WIWO has a professional R&D and production team and rich project experience. So far, we have served more than 1000 different projects in various industries, such as: smart home, wearable devices, medical equipment, industrial equipment, car navigation, bank system equipment, golf simulators, charging piles, etc.



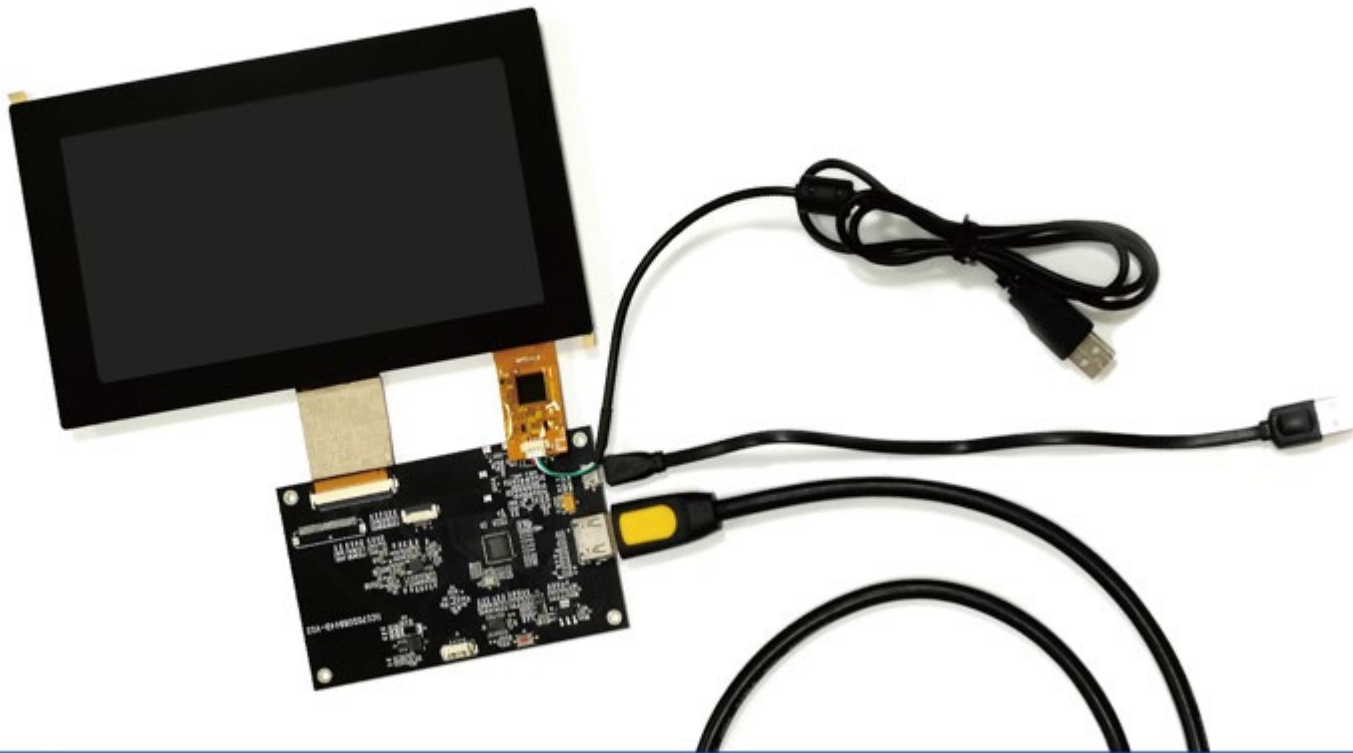
The capacitive touch screen structure developed by WIWO, covers GF/GFF, GG, full lamination, vehicle capacitive screen, 3D touch screen, large-size touch screen, etc. Facing a variety of needs, WIWO R&D team can always respond quickly and offer suitable solutions.

You may request:

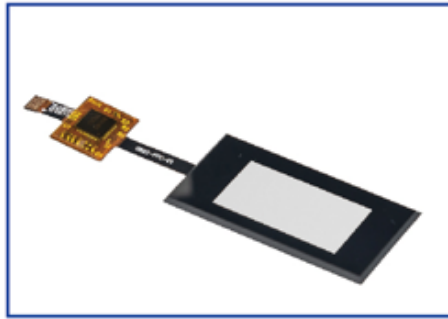
- Cover Lens materials: Glass, PMMA, Composite panel
- Cover Lens thickness: 0.7-12.0mm
- Front Surface Treatment: AR, AG, AF, Anti-UV, Antibacterial, Waterproof, Vandal-proof, 3D curve surface
- Sensor materials: Glass, Film
- Sensor Thickness: 0.4-1.8mm
- Touch Point: 1-10 points
- IC: Atmel, ILITek, EETI, CYPRESS, etc.
- Size: 0.96" -65"
- IK Rating: IK07-IK10
- IP Rating: IP56
- Touch controller boards' design & manufacture
- EMI shielding

PRODUCT SHOWCASE

■ Touch Display Solution



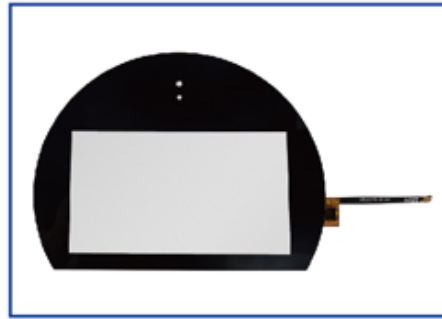
■ Capacitive Touch Screens



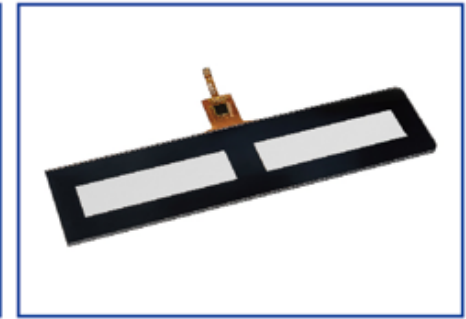
■ 0.96 inch



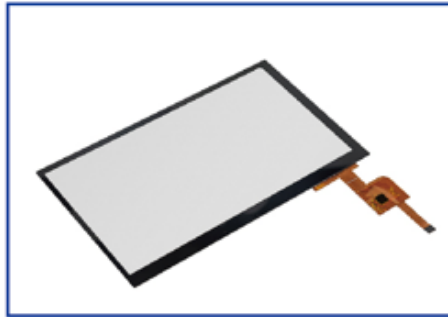
■ 4 inch



■ 5 inch



■ 6 inch



■ 7 inch



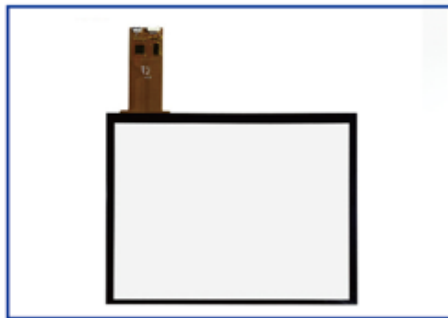
■ 8.8 inch



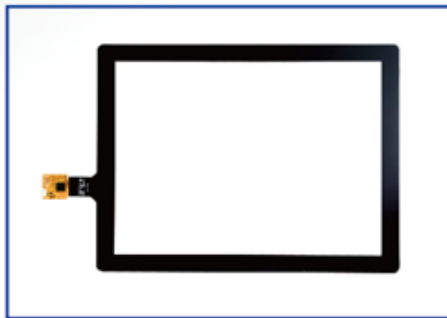
■ 10.1 inch



■ 10.3 inch



■ 10.4 inch



■ 15 inch

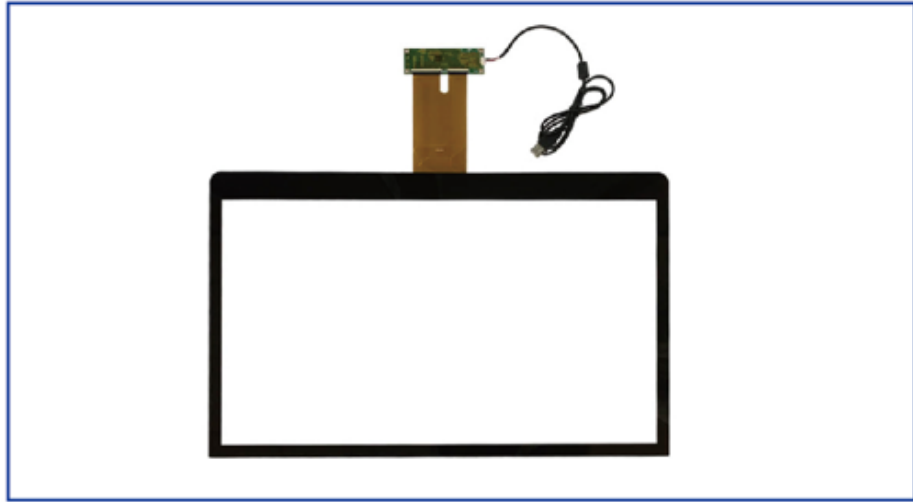


■ 19 inch



■ 21.5 inch

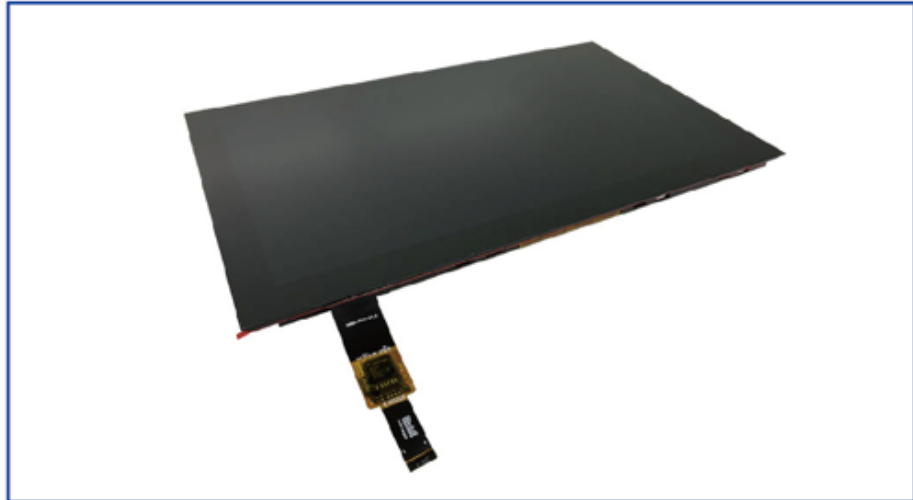
■ Capacitive Touch Screens



■ 23 inch



■ 32 inch



■ 8 inch touch display



■ 13.3inch touch display

■ Touch Controller Boards



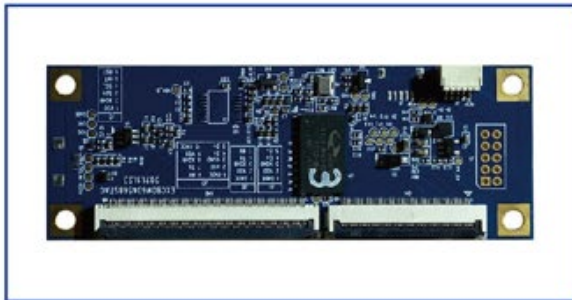
■ EETI exc84



■ ILI2312



■ ILI2510



■ EETI W60



■ EETI w46



■ ILI2511



■ atmel



■ PCB



Thanks for your time!

FUJIAN WIWO ELECTRONIC TECHNOLOGY CO., LTD.

Tel: 0086-596-2607595

Fax: 0086-596-2607905

Email: sales@wiwotouch.com

Web: www.wiwotouch.com

Add: 1st Floor, 2nd Building, Jingfeng Economic Development Zone,
Xiangcheng District, Zhangzhou City, Fujian, China 363000