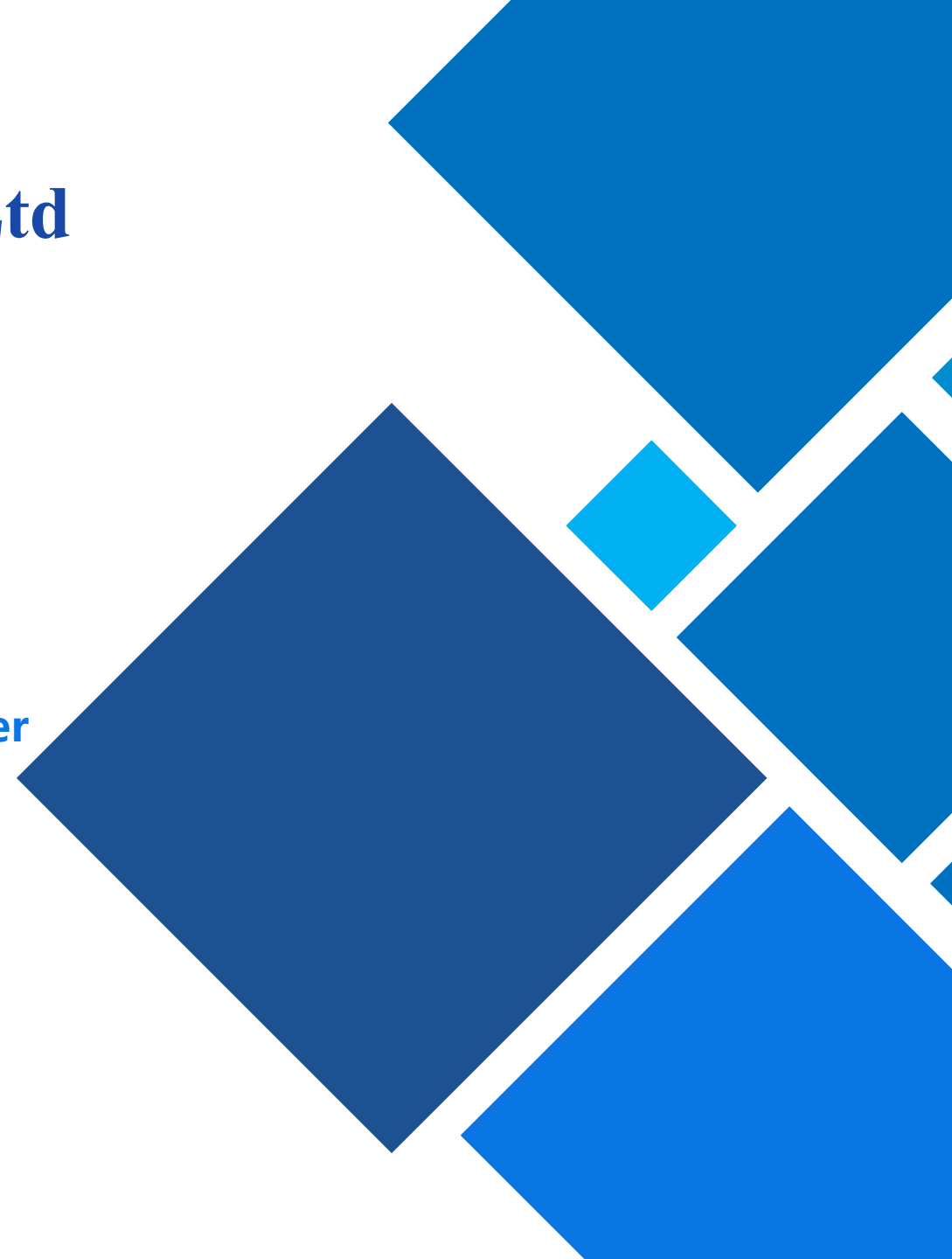


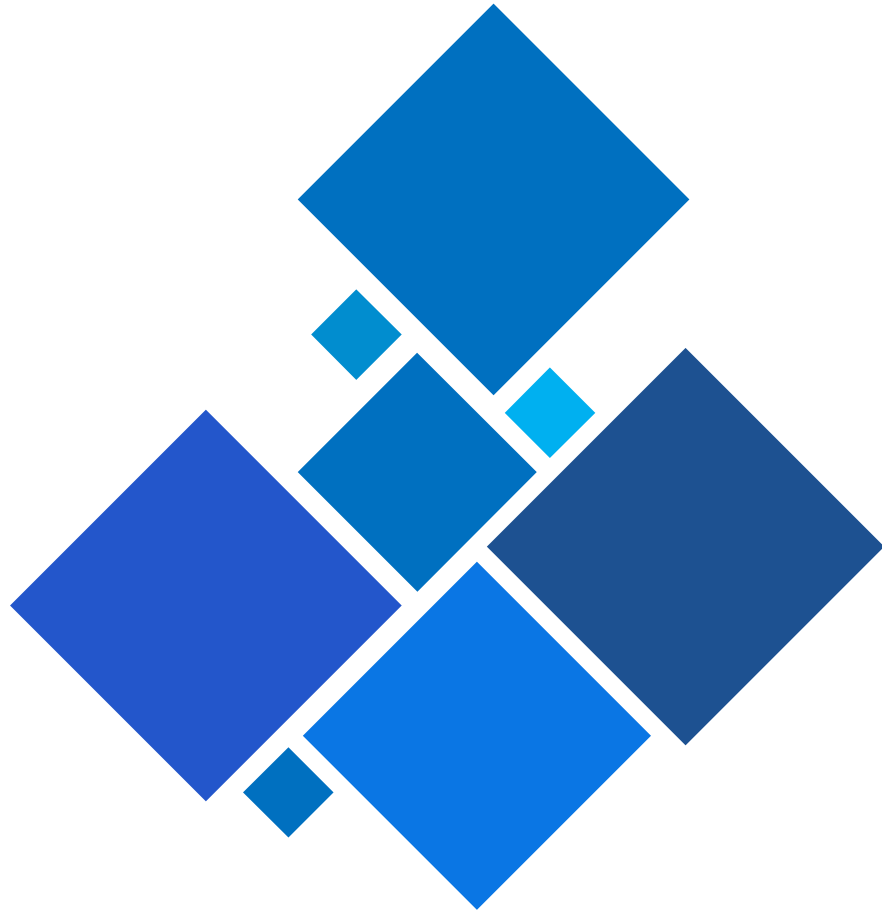
# Shenzhen Wanty Photoelectric Co., Ltd

**China Factory Manufacturer**

**20+ Years Industry Experiences**

**Professional Capacitive Touch Display Solution Developer**





# PART 01

## ABOUT WANTY



[www.wantysz.net](http://www.wantysz.net)



## Shenzhen Wanty Photoelectric Co., Ltd

Shenzhen Wanty Photoelectric Co., Ltd is a China factory manufacturer and one stop customization solution provider specializing in R&D and producing Capacitive Touch Screen and TFT LCD Display up to 55 inch since since 2012.

In 2016, to integrate the better resources and provide customers with the most advantageous products, WANTY expanded a much larger scale of production lines in Yongzhou city, Hunan province.

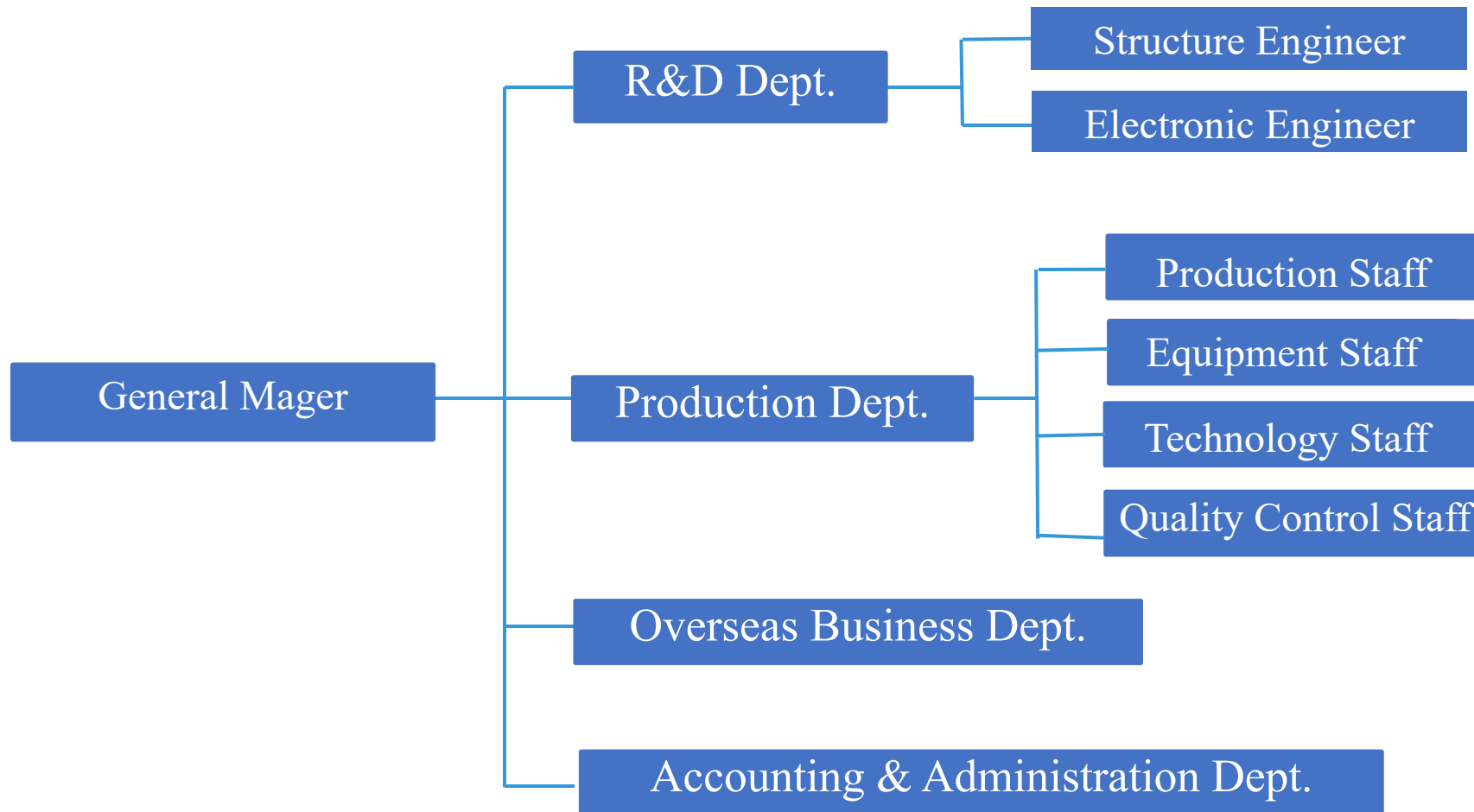
At present, Shenzhen factory and Hunan factory have a total of more than 500 workers, with more than 20,000 square meters of standard clean workshop.

As an one stop customization solution provider, we mainly provider domestic and overseas customers with the customization services on regular or irregular PCAP capacitive touch panel, TFT LCD Display compatible with raspberry pi module, high resolution and high-definition incell display, energy saving and light weight Epaper display etc, from 0.91 inch to 55 inch.

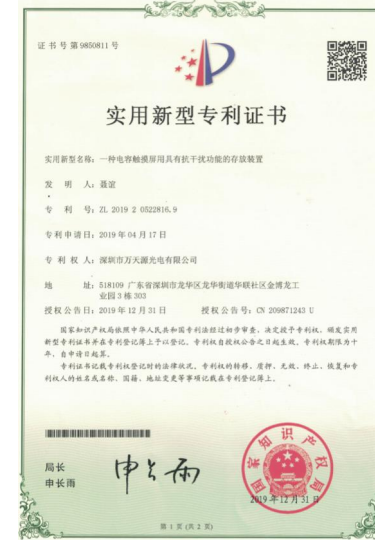
The products designed, developed and manufactured by WANTY have been applied to various different industries, such as industrial control, smart home, medical care, automotive, handheld devices etc. Our main markets have covered US, Canada, Australia, France, Germany, Italy, Russia, Turkey, UAE, Korea, Japan etc.

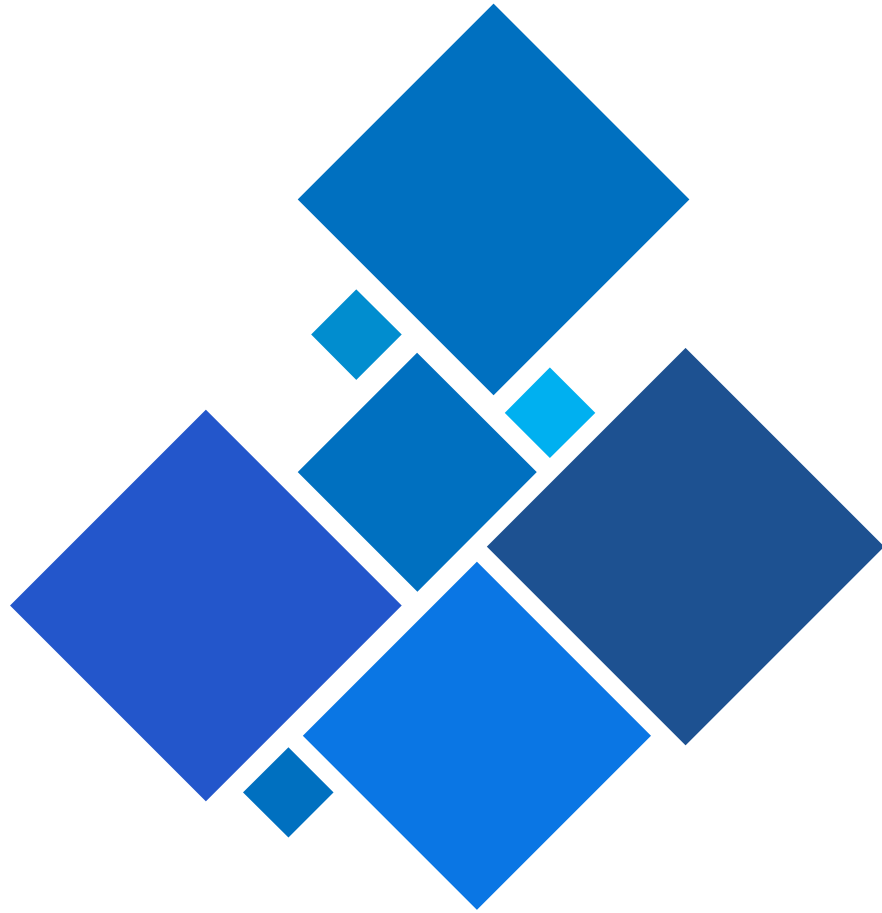


# Organization Structure



# Patents & Certifications





## PART 02

PRODUCTION TEAM



# Competitive Advantages

**ISO9001**  
Quality Management System

**20+**  
Years Industry Experiences

**400+**  
Projects

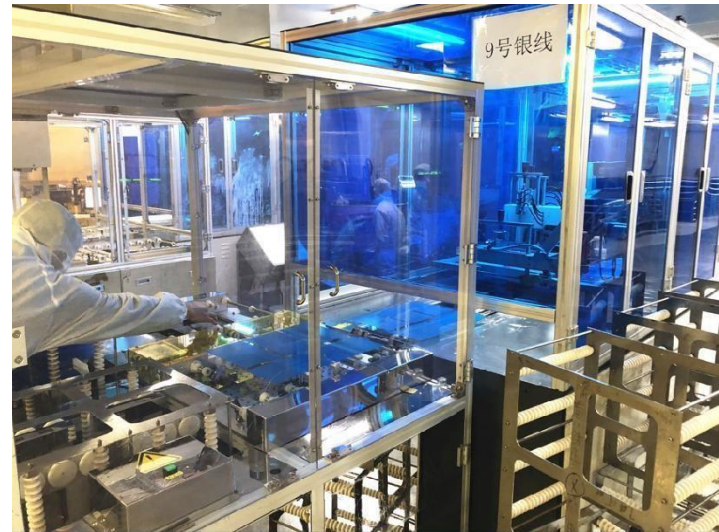
**20+**  
Professional Engineers

**500+**  
Workers

**20,000m<sup>2</sup>**  
Factory Areas

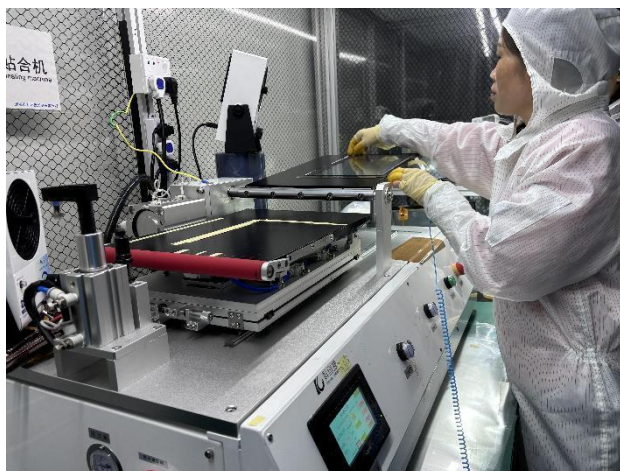
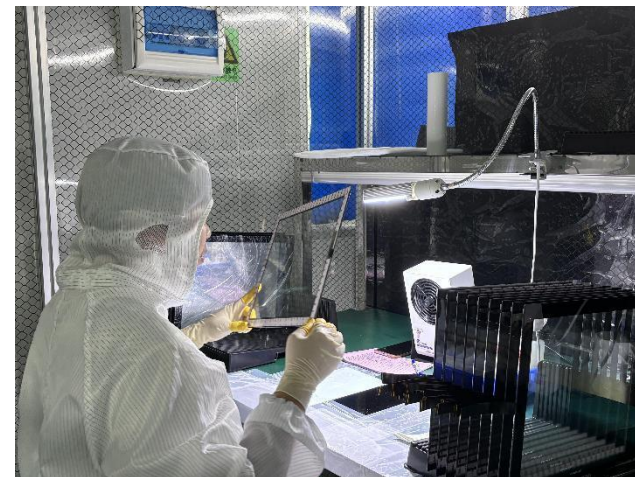
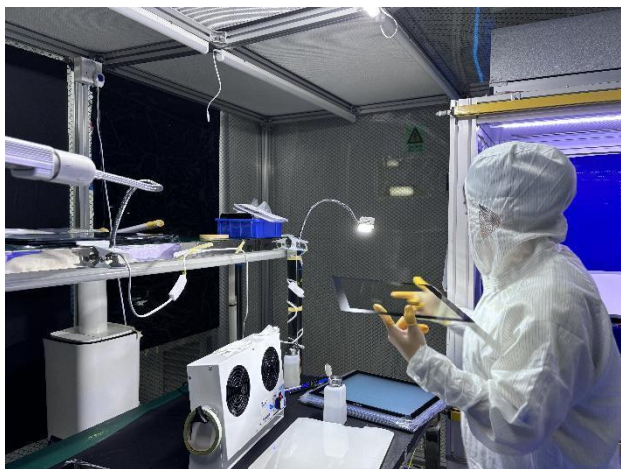


# Production Views

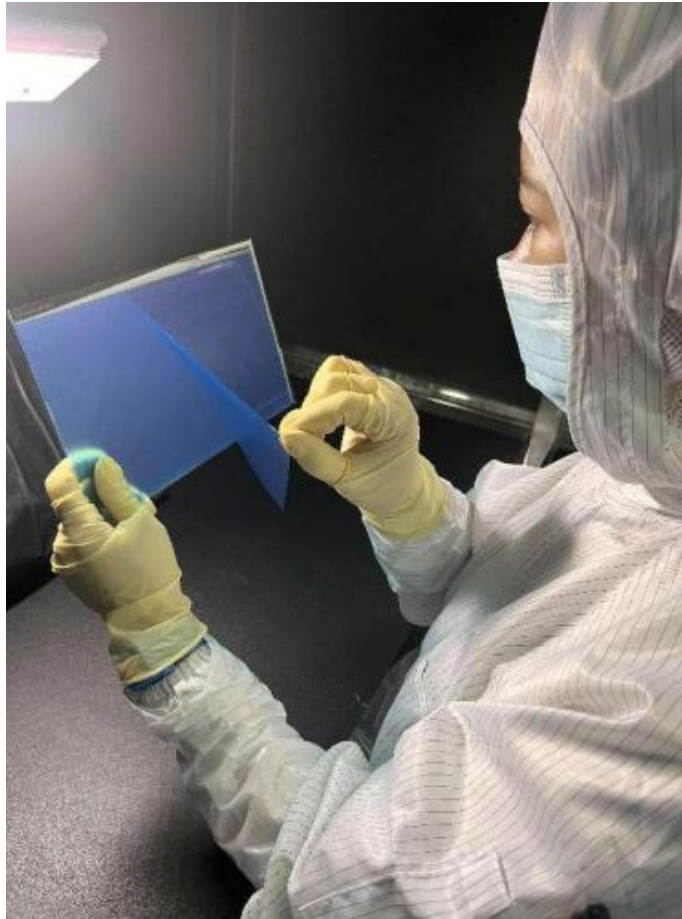




# Production Views



# Quality Management System



**IQC**



**IPQC**



**OQC**

# Reliability Test Equipments



Constant Temp. And Humidity



Vibration Table



High And Low Temp. Chamber



Drop Impact Tester



Quadratic Element Equipment



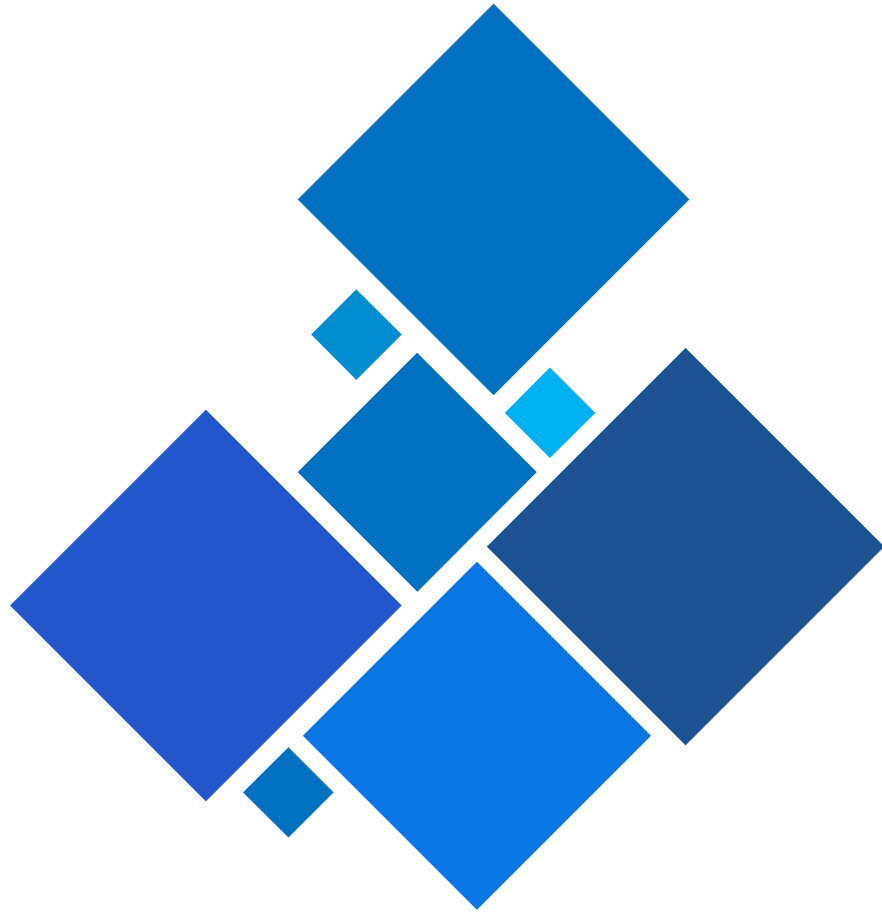
Salt Spray Test Machine



Pull tester



Bagel scratch Tester

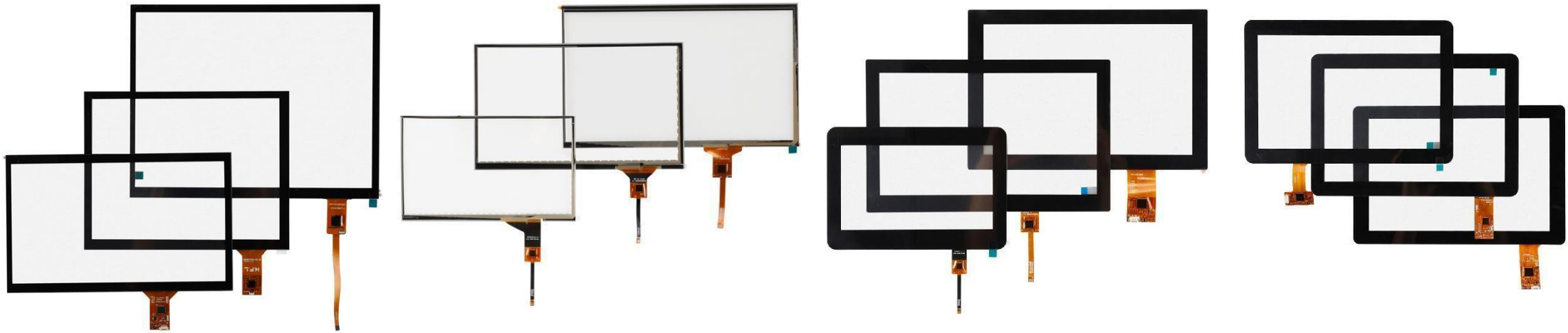


# PART 03

# PRODUCTS



# Touch Panel



Multi Size/Shape/Color/Touch: [Available](#)

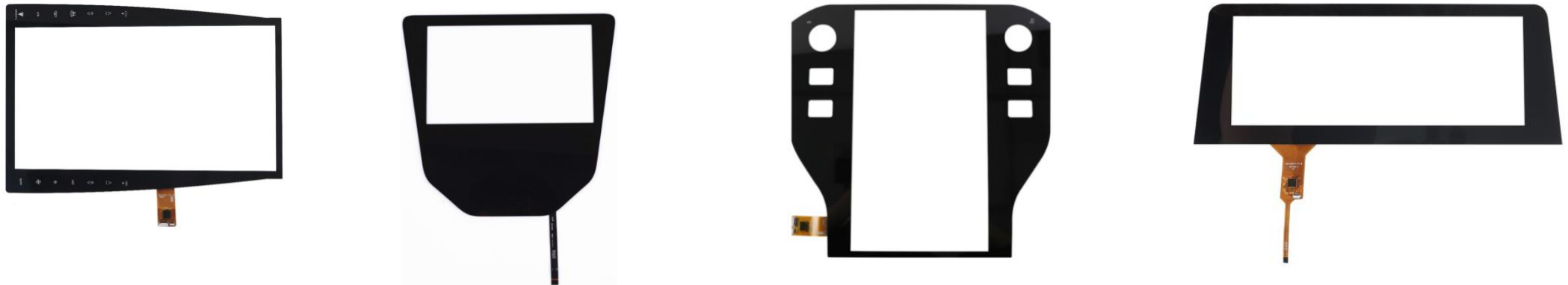
Anti Glare/Anti Reflection/Anti Fingerprints/Anti Explosion/Waterproof: [Available](#)



# Touch Panel



Touch Panel-Regular Shape



Touch Panel-Irregular Shape

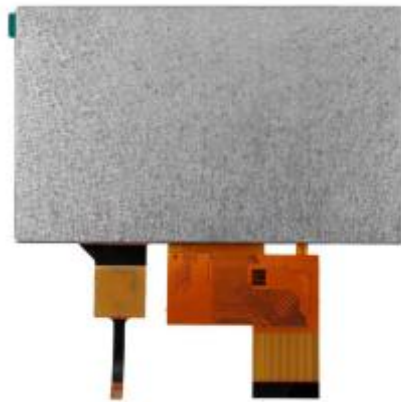


# Touch LCD Display



IIC Capacitive Touch Screen

800x480 400cd/m2 IPS RGB LCD Display



IIC Capacitive Touch Screen

800x480 450cd/m2 TN RGB LCD Display



# Touch LCD Display



USB Capacitive Touch Screen

1024x600 220cd/m2 IPS RGB LCD Display



IIC Capacitive Touch Screen

800x480 450cd/m2 TN RGB LCD Display





# Touch LCD Display



IIC Capacitive Touch Screen

1280x800 350cd/m2 IPS LVDS LCD Display



USB Capacitive Touch Screen

1920x1080 220cd/m2 IPS LVDS LCD Display



# HDMI USB Touch LCD Display



IIC Capacitive Touch Panel

1024x600 220cd/m2 IPS LVDS LCD Display

HDMI USB PCB

Enclosure

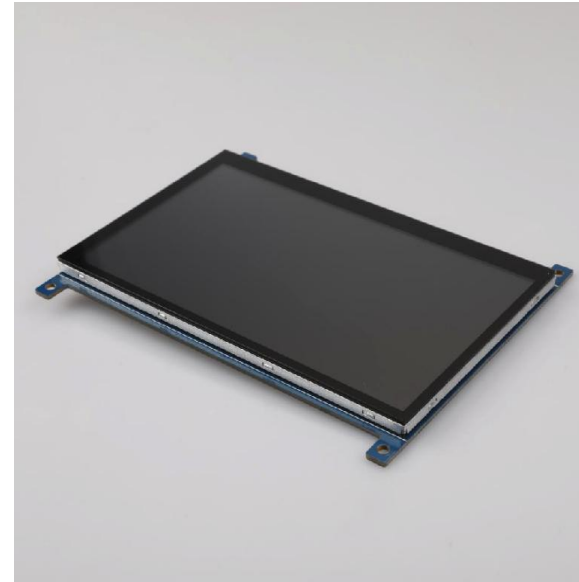
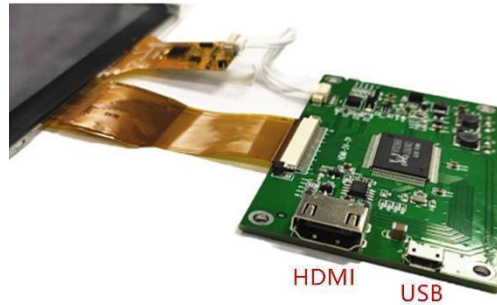
IIC Capacitive Touch Panel

1280x800 300cd/m2 IPS LVDS LCD Display

HDMI USB PCB

Enclosure

# HDMI USB Touch LCD Display



USB Capacitive Touch Screen

800x480 220cd/m2 IPS RGB LCD Display

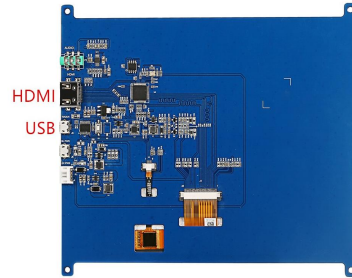
HDMI USB PCB

USB Capacitive Touch Screen

800x480 450cd/m2 IPS LVDS LCD Display

HDMI USB PCB

# HDMI USB Touch LCD Display



IIC Capacitive Touch Screen

1024x768 350cd/m2 IPS LVDS LCD Display

HDMI USB PCB

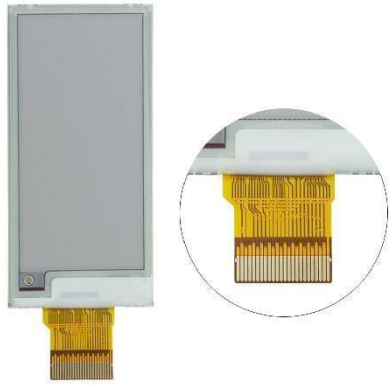


IIC Capacitive Touch Screen

1280x800 350cd/m2 IPS LVDS LCD Display

HDMI USB PCB

# Epaper Display



Touch function: can be added

Front light: can be added



# High Definition & High Resolution Touch Display

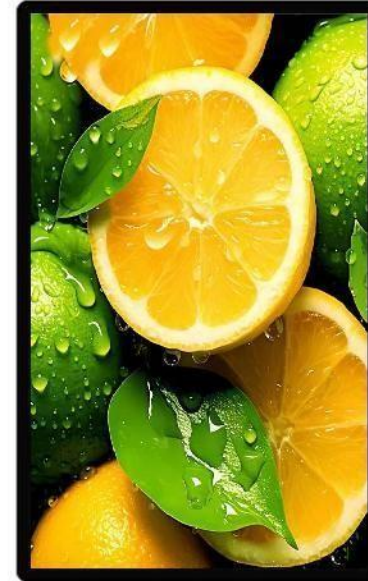


Display Type: IPS

Touch Structure: Incell

MIPI Capacitive Touch Screen

1200x1920 300nits IPS MIPI LCD Display



Display Type: IPS

Touch Structure: Incell

MIPI Capacitive Touch Screen

1200x2000 400nits IPS MIPI LCD Display



# High Definition & High Resolution Touch Display

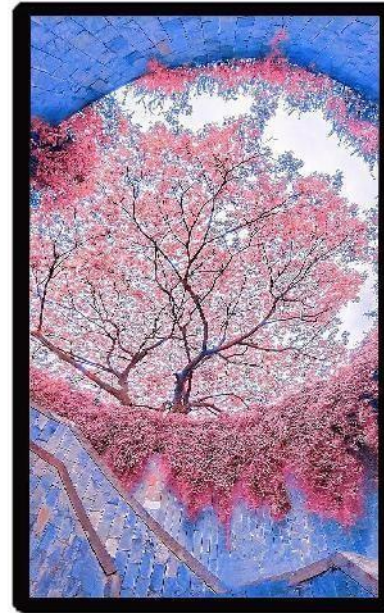


Display Type: IPS

Touch Structure: Incell

MIPI Capacitive Touch Screen

1200x2000 300nits IPS MIPI LCD Display

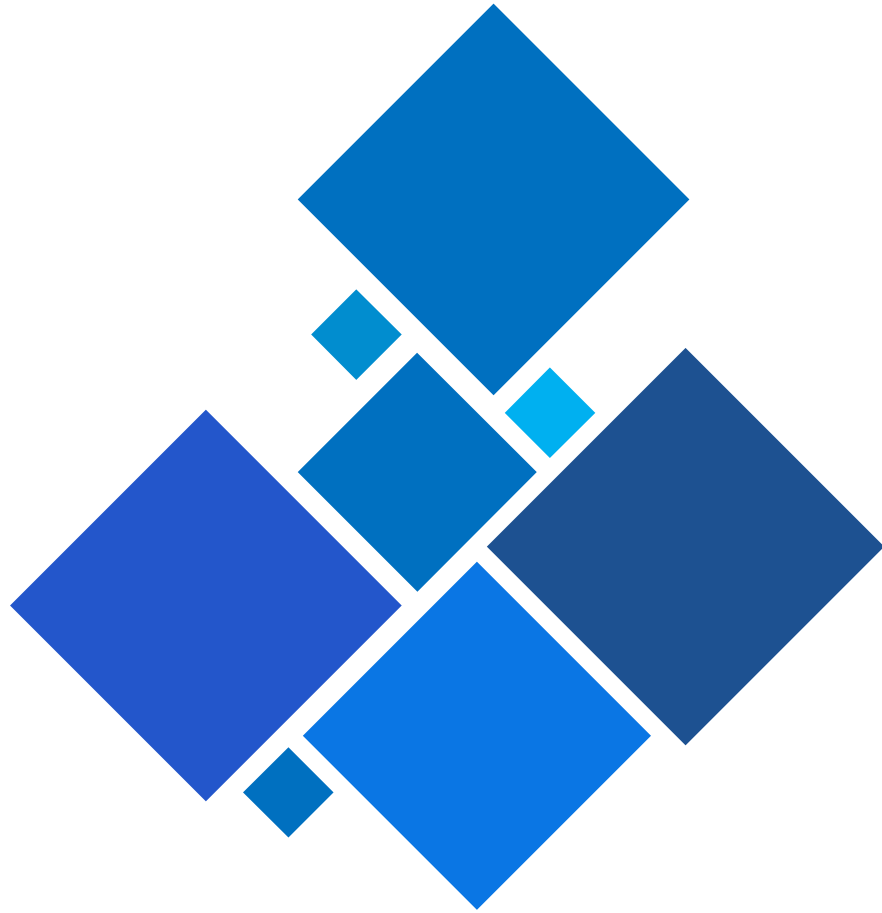


Display Type: IPS

Touch Structure: Incell

MIPI Capacitive Touch Screen

1200x2000 350nits IPS MIPI LCD Display



## PART 04

# CUSTOMIZATION

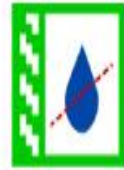




# Customization Specs



Anti Fingerprints



Screen Waterproof



Wide Working Temp



Sunlight Readable



Anti Static



Anti Glare



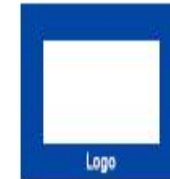
Anti Reflection



Anti Explosion



IK Anti Impact



Logo Silkscreen

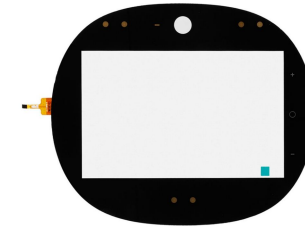
# Customization Cases



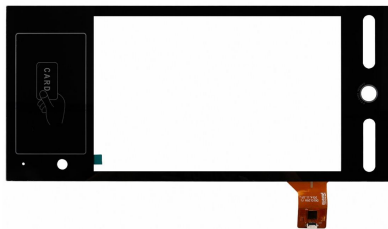
Mirror Effect



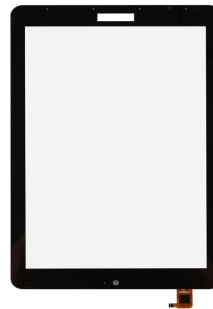
Irregulare Shape & Buttons



Anti Reflection & Anti Fingerprint



Waterproof



Holes



Irregular Shape & Holes

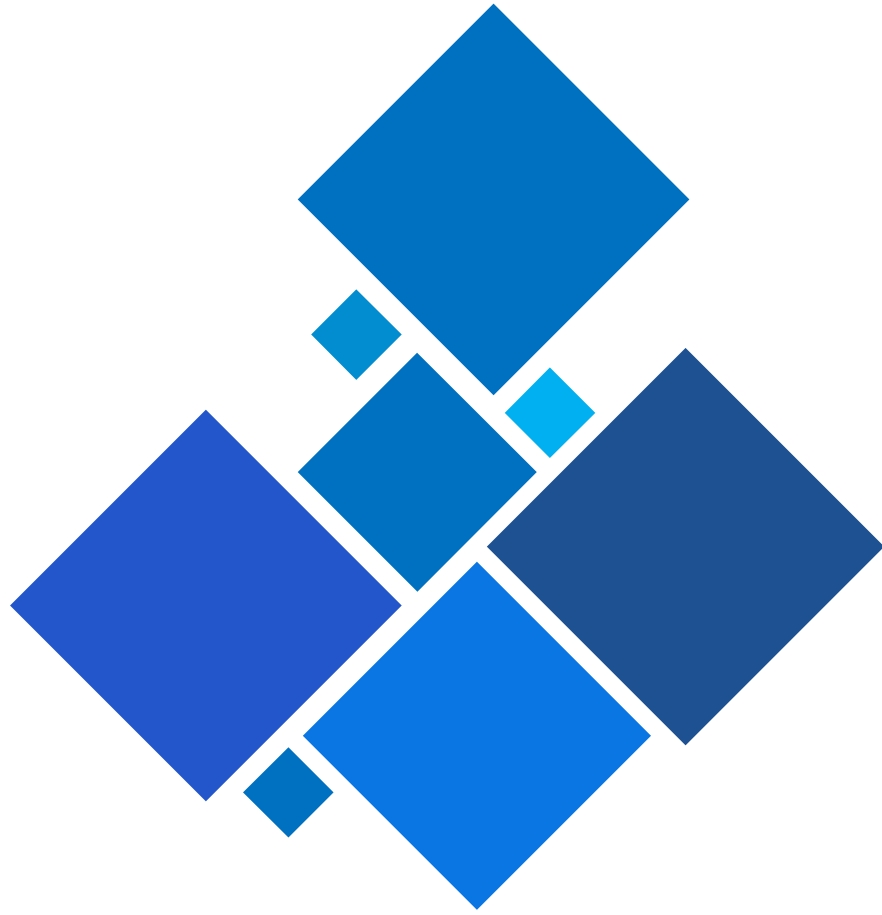


# PART 05

## SPECS COMPARISON

# Specs Comparison

Supplier	WANTY	Other Brands
Max. Strength	IK10	IK8
Max. Hardness	8H	7H
Operation Temp.	-30°C ~ +85°C	-20°C ~ +70°C
Storage Temp.	-40°C ~ +95°C	-30°C ~ +80°C
Max. Brightness	3000cd/m2	1000cd/m2
Viewing Angle Range	89/89/89/89 Deg.	89/89/89/89 Deg.
FPC Bending Resistance	10,000 times	5,000 times
Corrosion Resistance	Excellent	Normal
Lifetime	50,000hrs	30,000hrs
Waterproof Performance	Work functionally with water on the screen surface	Spray Proof
Anti Glare	Yes	Yes
Anti Reflection Performance	Excellent	Normal
Anti Fingerprint Performance	Can last for more than one year	Can last for half year
Package	A Level	Normal Level



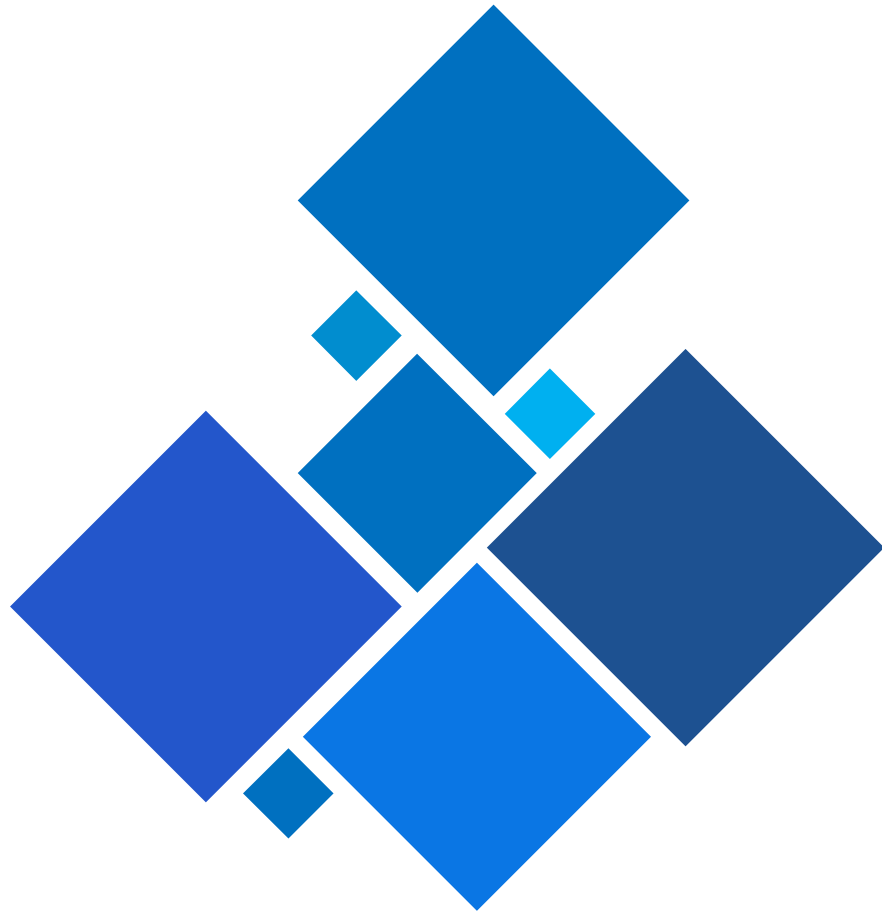
**PART 06**

**PARTNERS**



# Partners



# PART 07

# APPLICATIONS



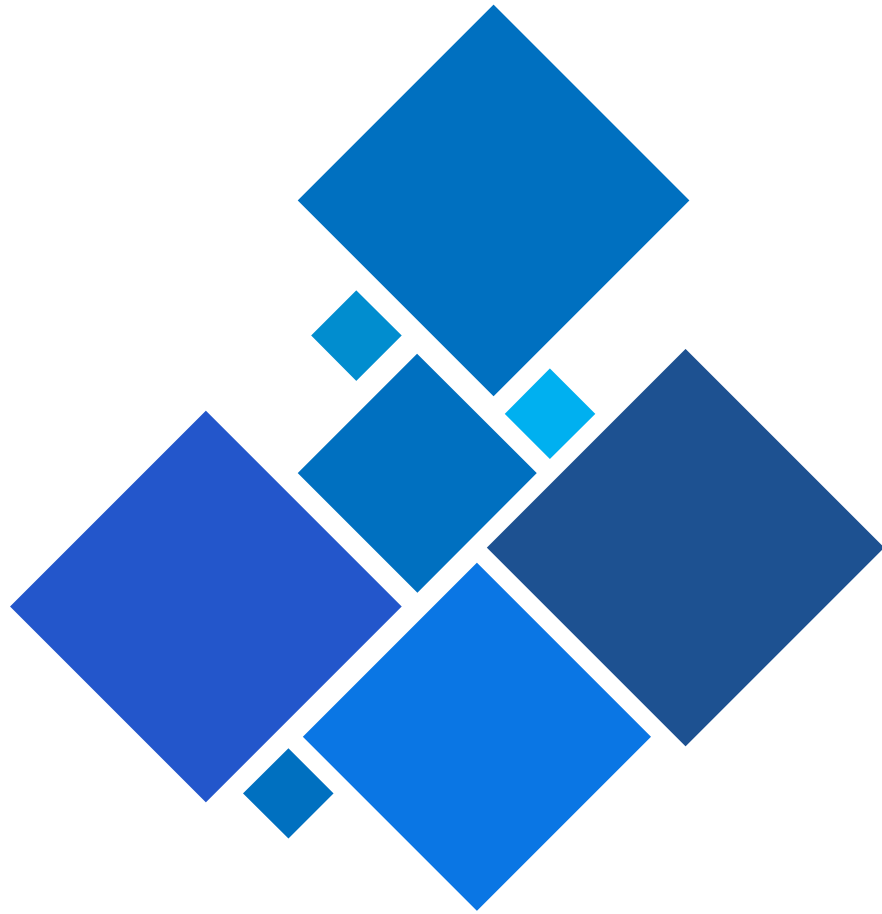
[www.wantysz.net](http://www.wantysz.net)

# Applications

- ✓ ATM
- ✓ Vending Machine
- ✓ Self-service Machine
- ✓ Smart Home
- ✓ Industrial Equipment
- ✓ Learning Machine
- ✓ Vehicle Navigation
- ✓ POS Machine
- ✓ Fitness Equipment
- ✓ Advertising Display
- ✓ Security Monitoring
- ✓ Medical Equipment
- ✓ Banking Terminals
- ✓ Intelligent Integrated Machines
- ✓ Tablet Computers
- ✓ Multimedia
- ✓ etc







## PART 08

# EXHIBITION SHOWS



# Exhibition Shows



- 2019 Korea Electronics Show
- 2021 Russia ExpoElectronica Exhibition



- 2023 Hongkong Electronics Fair (Spring Edition)
- 2023 Hongkong Electronics Fair (Autumn Edition)
- 2024 Embedded World in Germany

Welcome to visit Wanty!

**THANK YOU**

Email: [info@wantysz.com](mailto:info@wantysz.com)

Website: [www.wantysz.net](http://www.wantysz.net)

Address: 3F, Building G,Zhonggangxing Industrial Zone,Zhangge Community, Fucheng Street,Longhua District, Shenzhen

Address: No.1 Industry Avenue, Hexi Industry Area, Lingling District, Yongzhou, Hunan, China

