



## Guangdong Coyo Precision Machinery Manufacturing Co., Ltd

— Technology changes the world, and quality leads the future —

company profile



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## Company profile

- ❑ COYO established in **2007**
- ❑ **Offices Location:** Foshan, Guangdong, Shaoguan, Guangdong, Wuxi, Jiangsu, Changsha, Hunan and other places.
- ❑ **Production Area: 12000 SQM**  
**COYO is National high-tech enterprises.**



- **Main products:** Pneumatic manifold、 High-precision industrial aluminum alloy profile、 Bus communication valve island、 Optical visual lens component、 Electric Cylinder and Linear module etc...
- **Application area:** Products are widely used in automotive, packaging, testing, 3C, lithium battery and other industries.
- **Market share:** Pneumatic manifold block and bus communication valve island have considerable market share in the domestic industry.
- **Major equipment:** There are two first-class industrial aluminum profile extrusion production lines. More than 20 first-class brand of CNC equipment, Lathe and professional testing equipment.



# History of the company



# ENTERPRISE HONOR

- ☀ National high-tech enterprises
- ☀ Member unit of Pneumatic Professional Branch of China Hydraulic Pneumatic Seal Industry Association
- ☀ Member unit of Guangdong Small and Medium Enterprises Promotion Association
- ☀ Member unit of Shenzhen Automation Industry Association
- ☀ Member unit of Foshan Lechang Chamber of Commerce
- ☀ Shaoguan City High-tech Industry Promotion Association member units
- ☀ Lechang City General Chamber of Commerce member units
- ☀ In 2018, The Fluid Control Engineering Center (Shaoguan)
- ☀ In 2019, Cleaner production enterprises
- ☀ In 2020, The first batch of specialized and specialized new small and medium-sized enterprises (Guangdong province)
- ☀ And other awards



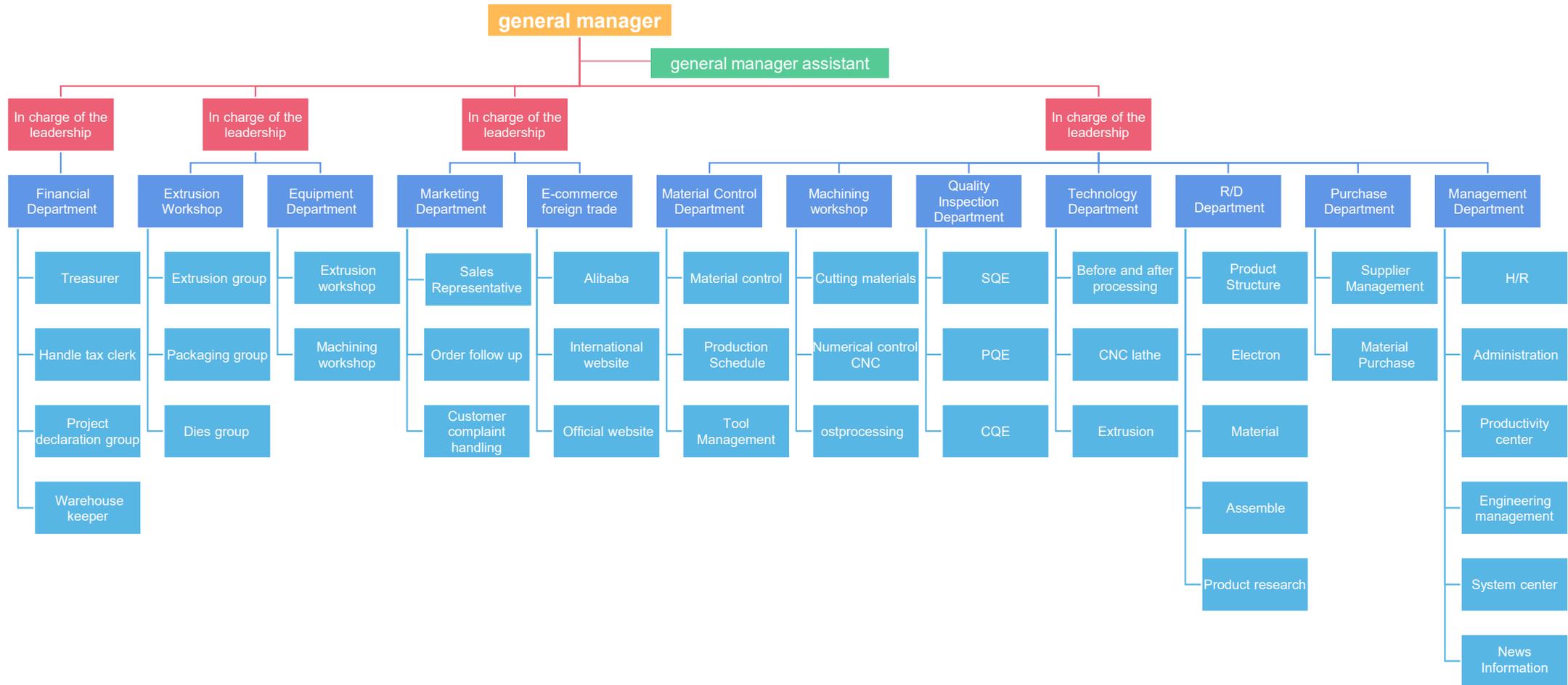
# Patent certificate display

More than thirty patents: National invention patent and patent for utility models





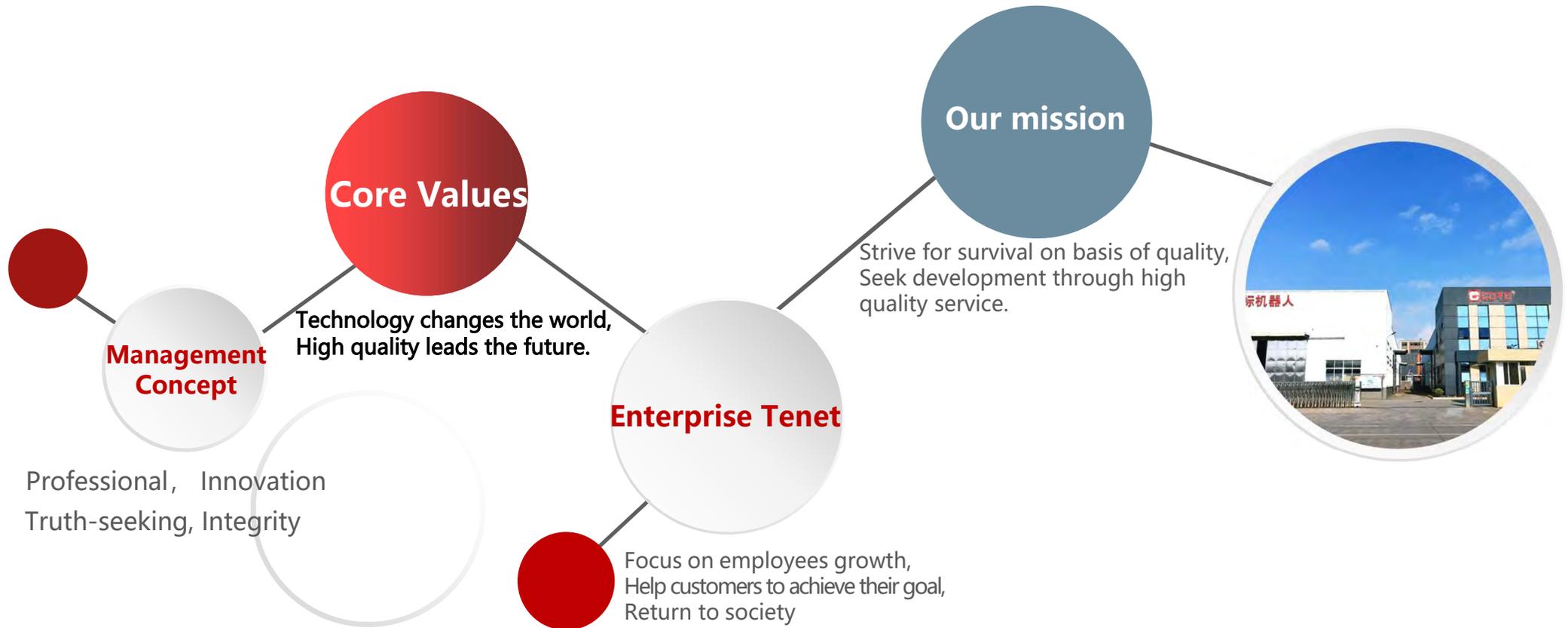
# Company structure





# Culture Concept

## Technology changes the world, High quality leads the future



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# Team spirit display

In this united, harmonious, happy, and hardworking team, we are connected heart to heart and hand in hand, achieving greater glory for COYO. In the future, let us continue to move forward with courage and determination!



## Holiday blessings

The company sends sincere blessings and gifts to its employees on important holidays



## Annual meeting dinner

We're going all the way.



## Staff birthday party

The company sends the most sincere birthday wishes to every employee!



## Employee quality expansion

Improve the physical quality of employees and enhance the team spirit.



# Team spirit display



## ● Strive

bravely set out, even though the stormy journey, we will forge ahead with courage.

## ● Challenge

Strengthen the physical quality of employees, enhance the team spirit.

## ● Unity

We walked together through thick and thin.

## ● Transcendence

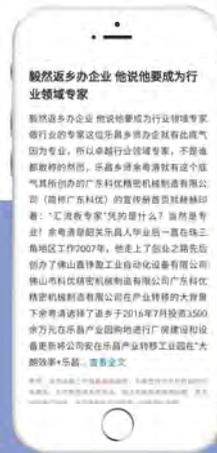
Constantly surpass yourself.

# Our Glory



## COYO to be reported by Media.

The company has been reported by television. For example, 《esolutely to return to run an enterprise, he said he will become an expert in the industry field》, 《Under the epidemic of Lechang industrial economy against the trend, how to do it?》, 《Lechang- -Build a nest to attract phoenix industry prosperity》, 《Lechang City Federation of Trade Unions went deep into large non-public enterprises to guide the standardized construction of trade unions》, etc.



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# Extrusion workshop



Extrusion workshop



Extrusion equipment



Robot KUKA)



Cooling bed



Die



Brush Rod Machine



Aging furnace



The console

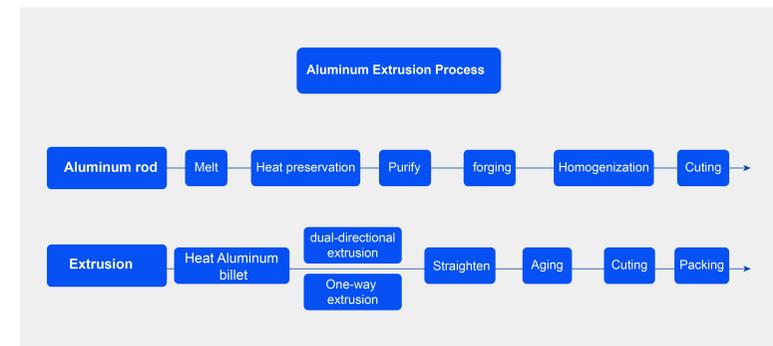


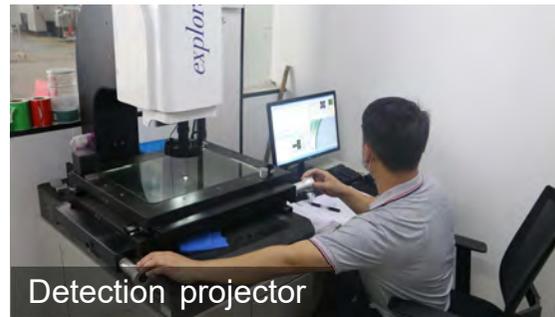
Extrusion equipment



Automatic cutting machine

- ◆ **Main production equipment:** A 1450T extruder, a 750T extruder, carry-over bed, die heating furnace, automatic straighten machine, intelligent robot arm, aluminum rod heating furnace and special heating furnace for high-end mobile phone materials.
- ◆ **Team elite:** A team is composed of extrusion process managers with several decades of industry experience and professional mold master, have won the title of "Advanced Collective" in 2021.





## Machining workshop

- **The main equipment:** More than 20 first-class brand of CNC, Turn-Milling Combined NC Machine Tool and testing equipment. For example, KLOUSCE, Haas, Mazak, BROTHER.
- **Major members of the team:** The team is mainly composed of energetic, skilled technical engineers, and will continue to bring in more CNC technical engineers, professional inspection staff etc...



# Introduction to raw materials

The main raw materials are 6061 aluminum rod, 6013 aluminum rod, 6063 aluminum rod, 6463 aluminum rod, etc

## High quality raw materials

We select high-density aluminum raw materials ,and we have a long-term cooperation with aluminum suppliers.



### 6061 Aluminium bar

6061 Aluminum rod is a high-quality aluminum alloy material.The main alloy elements are magnesium and silicon, with moderate strength, good corrosion resistance, weldability, good oxidation effect, high toughness and good weldability.

**Application fields:** trucks, ships, aerospace devices, trucks, trams, molds, electronics, furniture, etc.



### 6063 High quality aluminum rod

6063 Aluminum rod is a kind of aluminum alloy material with very strong comprehensive performance.It is resistant to wear, not easy to corrosion and high temperature resistance, and can be used in both building profiles and industrial profiles.

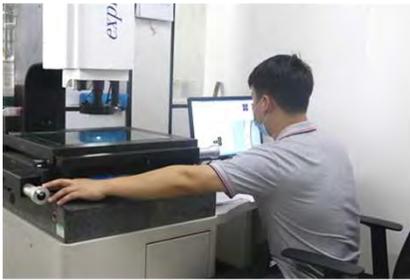
**Application fields:** Generally used in the building of aluminum alloy doors and Windows, curtain wall, a variety of industrial frame structure, rail transit, aerospace, military equipment, automatic transportation equipment and other fields.





# —Strict quality control—

Authoritatively certification, equipped with testing laboratory, with SEM / EDX, a variety of mechanical properties inspection. Comprehensive inspection of the product's surface roughness, gloss, color difference inspection, corrosion resistance and so on, can simulate the customer processing method to verify the grain, welding line and black line.



## 1/ Size and appearance inspection

- 2D / 3D projection, caliper, micrometer and other measuring tools



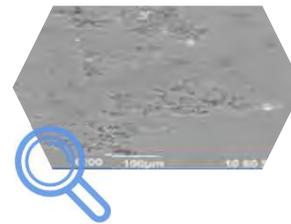
## 2/ Performance requirements detection

- Hardness meter, universal material test machine



## 3/ Tissue inspection

- Acid erosion, alkali erosion, low power microscope, gold phase microscope, SEM



## 4/ ISO9001 Quality system certification

- Constantly improve the management system, so that the service and product quality is getting better and better.



# TEN REASONS TO CHOOSE



## COYO

### Excellent R/D

Strong research and development team, won 30 + national patents.

### Independent extrusion plant

Independent extrusion factory, "high-end extrusion profile" or "extrusion + CNC", with strong selectivity.

### CNC precision finishing

More than 20 sets advanced CNC equipment and professional testing equipment.

### Strong production capacity

mature technology, complete supporting, can meet the needs of different processing states.

### Choose high-quality raw materials

Select 6061,6063 and other high-density aluminum raw materials, with long-term cooperation with the aluminum rod suppliers, from the source of the quality control.

### Talent team building

In recent years, the company continues to introduce research and development, technology and other talents.

### Support customized products

Product specifications are complete, can be customized according to drawings or samples, large quantity.

### A wide range of applications

Widely used in automotive, 3C, testing, packaging, lithium battery and other industries.

### Source manufacturer

Reduce intermediate costs, more cost-effective, so as to provide better quality, more favorable products.

### Delivery is convenient

Nearby contact and delivery, the service is more targeted.

12000m<sup>2</sup> 工厂面积  
500万<sup>+</sup> 每月产量  
28<sup>+</sup> 国际专利证书  
100<sup>+</sup>套 模具

One-stop service

## One-stop service

Meet customers' product needs for different processing conditions

20 + years of industry manufacturing experience, professional custom aluminum profile processing and manufacturing. With independent research and development strength, has won more than 30 national patents, intentions to provide customers with quality products and services.

Alloy design and development

Extrusion

CNC process

Hardware processing

anodising

# CUSTOMIZED

## Basic customization process



Our company is a large-scale manufacturing enterprise that integrates research and development, design, production, sales, and after-sales service.



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# Our Products

**Aluminium Alloy profile**



**Pneumatic manifold plate**

**Bus communication valve island**



**Optical visual lens component**

**Electric cylinder and rectilinear module**



# Aluminium Alloy profile



**Select superior materials and precision processing**

Choose excellent material, mature technology, beautiful and solid structure is stable, the quality is guaranteed.

**Complete in specifications, customized according to customer needs**

We are source factory who has a rich variety of products, accept customization, intimate service.

**Covers a wide range of applications**

Focus on aluminum extrusion profile customization processing, products can be used as mobile phone lens, industrial lens, CNC precision machining, construction, shell etc....

# Pneumatic manifold block



# Bus communication valve island



1

## Mutual matching

In line with the market installation of conventional solenoid valves, and you can collocate with any solenoid valve in the electrical specifications.

2

## Small and accurate

Small size, high integration degree.

3

## Easy to manage

Centralized management, centralized investigation.

4

## Market awareness

Support the communication agreements of the major brands.

# Optical visual lens component



## Electric cylinder and rectilinear module



We have more products and services, please feel free to contact us.



0757-82800517

# Industry application field

one

Motor-dom



two

Detection industry



three

Lithium battery industry



four

Packaging industry



five

Medical device industry





**Foshan City Coyo Precision Machinery Manufacturing Co. Ltd.  
Guangdong Coyo Precision Machinery Manufacturing Co. Ltd.**



[www.fskeyou.com](http://www.fskeyou.com)



[www.gdcoyo.com](http://www.gdcoyo.com)

**Factory Address:**

No.3, Leyuan Road, Industrial Park, Lechang Zone, Shaoguan City, Guangdong Province.  
TEL: (+86)-0751-5575317 FAX: (+86)-0751-5575817

**Sales Address:**

F2, Building 3, Jidefu Science and Technology Innovation Park, No. 1 Husband South Road, Chancheng District, Foshan  
TEL: (+86)-0757-82800517 FAX: (+86)-0757-82800527

**Eastern China Office:**

113-114 Room,110th Building, Wuzhou International Industrial Expo Yard, Jincheng Road East ,New District Wuxi City.Jiangsu Province.  
TEL:(+86)-0510-88999017 FAX:(+86)-0510-88994517

**Changsha Office**

1st Floor,3rd Unit, 24th Building, B Group Huamei jiayuan, Boyang Residential Quarter, Yuhua District,Changsha City, Hunan Province,P.R.China  
TEL:(+86)-0731-82562217 FAX:(+86)-0731-85417650

**Wenzhou office:**

1-A18 unit, South zhongchuang electronic zone, Liushi Town, Yueqing City, Zhejiang Province.  
TEL: (+86)-0577-62778882 Phone: (+86)-18222974017

**Ningbo Office:**

5 Unit, Jishan Area, Xikou Town, Fenghua District,Ningbo city.  
Fax:(+86)-0574-88381087 TEL:(+86)-15825590998

**Chinese Website:** <http://www.fskeyou.com>

**English Website:** <http://www.en.fskeyou.com>  
<http://www.gdcoyo.com>

**E-mail:** [fskeyou@163.com](mailto:fskeyou@163.com)

[fscoyoal@outlook.com](mailto:fscoyoal@outlook.com)