Smart · City · Future

ABOUT US

Look to the world, based on the world.———

Zhongxing Group was founded in 2008, with fixed assets of 50 million, headquartered in Luoyang City, Henan Province. It is a group enterprise with diversified development, including four major business systems: technology research and development, manufacturing, logistics and transportation, and sales services. The company has five independent production plants. It has a research and development center and five production bases in Luoyang, covering an area of 40,800 square meters. There are more than 20 branch companies in Hefei, Nanjing, Nanning, Xi'an, Lanzhou, Urumqi, Kunming, Guiyang, Chengdu, etc. Its products include office furniture series, smart series, sanitation series, school series, storage shelf series, automatic welding equipment series, transportation facilities series, etc., the products cover more than 30 provinces and cities, and are exported to more than 20 countries around the world.

At present, the group has more than 2,000 employees nationwide, with an annual production capacity of more than 320 million yuan. The products have successfully passed international quality management system certification, environmental management system certification, occupational health and safety management system certification , after-sales service evaluation system five-star certification, etc. In the process of large-scale operation and standardized operation, Zhongxing always adheres to the core values of "environmental protection, humanity, and efficiency", comprehensively optimizes the operation process, and continuously develops intelligent and humanized products, providing employees with opportunities to fully display their talents. The stage creates the greatest economic benefits for customers. Facing today, we strive to create; looking forward to the future, we will continue to forge ahead! Zhongxing people, persevere, forge ahead, build a world-class brand enterprise and become a leader in the industry!

HUAXUNZHONGXING

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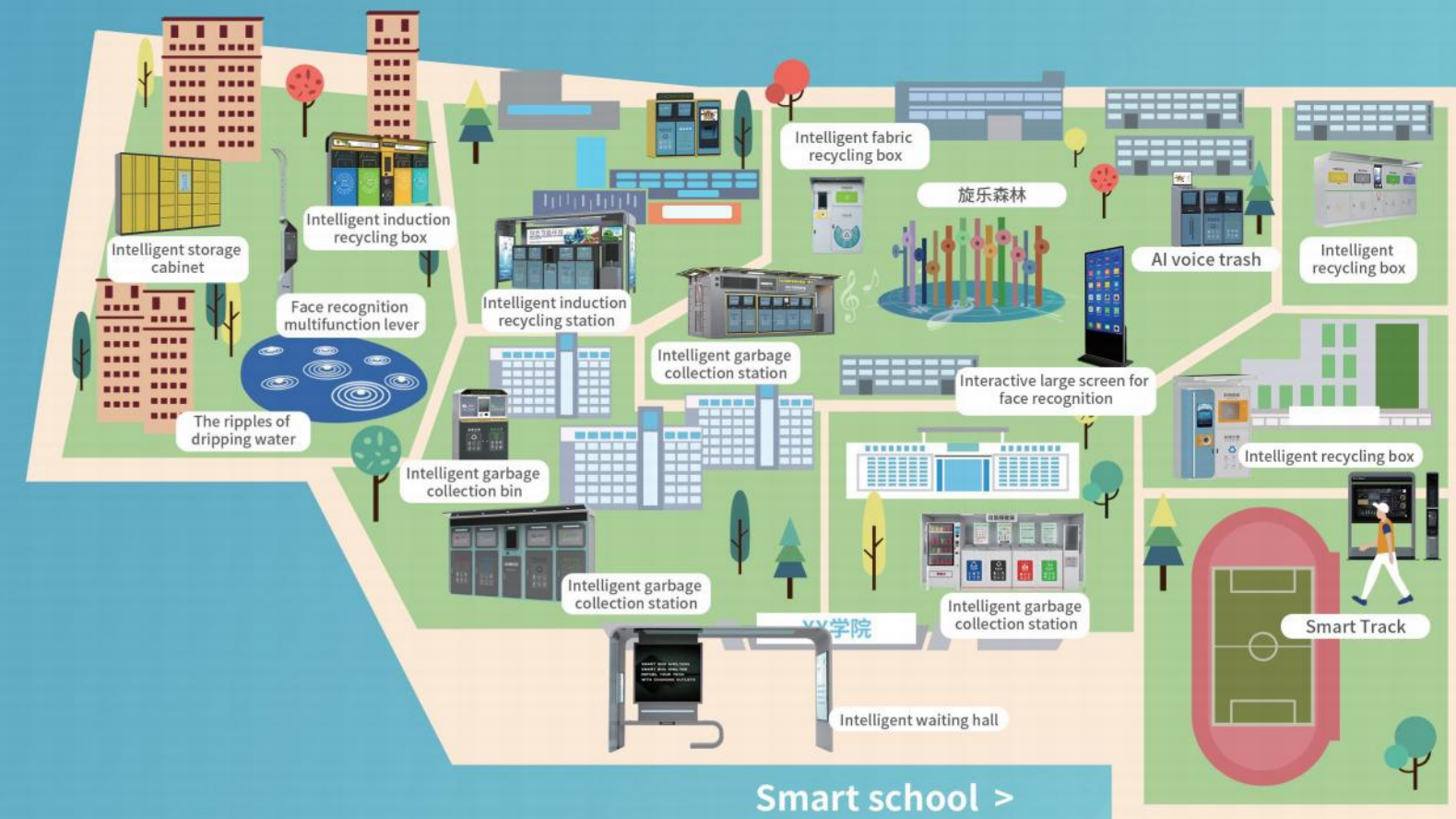TEL ： 0379-61277999
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Smart city one-stop service

Smart city one-stop service

Smart city includes software, hardware and system integrated management, such as smart service, smart entertainment, smart fitness, smart management, etc. Smart city use the Internet, cloud computing, artificial intelligence and other technologies to intelligently construct and upgrade city comprehensive parks, campuses, community parks. Let people in the park with intelligent and convenient management and experience more interesting things. It takes ecological livable as the premise, intelligent experience and digital management as the core, and public cultural leisure and recreation as the feature, to achieve fine service and intelligent management of people, vehicles, places, events.

Relying on profound experience in the garden ecological industry, independent innovation research and development ability, integration of technology and business, enabling the construction of parks in the new era, to be the promoter of digital transformation of parks, the enabler of intelligent operation of big data in parks, the practitioner of construction of smart parks in the new era, to promote the intelligent upgrading of traditional parks, to support the development and construction of smart cities, the application of emerging technologies such as the Internet, cloud computing, big data, AI and GIS will continue to drive the intelligent generation selection and upgrading of software and service products, integrate park services and management, enable the upgrading of park construction value, and create a new ecological integration of smart city industry.

Intelligent storage cabinet

Intelligent induction recycling box

Face recognition multifunction lever

Intelligent induction recycling station

Intelligent induction recycling station

Intelligent garbage collection station

旋乐森林

AI voice trash

Intelligent recycling box

Interactive large screen for face recognition

Intelligent recycling box

Intelligent garbage collection bin

The ripples of dripping water

Intelligent garbage collection station

Intelligent garbage collection station

Intelligent garbage collection station

Smart Track

XY学院

Intelligent waiting hall

Smart school >

Large face recognition screen

Intelligent recycling box

Smart city
v

Hooded park chair

Little Bear Intelligent Medical Bucket

Sensing water curtain

Acoustic drum

Intelligent garbage station

Yunqi Intelligent Garbage Station

Intelligent mobile public toilet

Music footpath

Inductive garbage booth

Smart Park Bench with Brim

Hooded park chair

Four categories of genial intelligence

Intelligent two classification

Smart park>

Deconstructing park chairs

Inductive two classification dustbin

Smart city management platform

Smart Park APP

A phone runs the park

The smart park APP is used by park managers. It includes main functions such as intelligent monitoring and analysis, alarm linkage, environmental energy consumption monitoring, pest identification, real-time positioning, and statistical reports. It is to intelligently monitor the park's appearance, facilities, environment, and safety on the mobile management platform.

Visualization platforms for emergency , comprehensive management and big data

Fully connected device/fully integrated data/ fully intelligent scheduling/data visualization

Through the establishment of park command and dispatch system, the emergency command and dispatch platform can effectively protect the safety of life and property of tourists, as well as the safety of scenic spot resources in the park. It provides a variety of communication and information services, monitors and analyzes and predicts the progress of events, and provides data and support for decision-making. The system can be managed by one map on the visualization platforms. The operation of all the systems in the park can be summarized through the park map. The monitoring, control, maintenance and management can be integrated to realize the daily operation supervision and emergency command, dispatch and control of the park.

Emergency command and dispatch platform

Integrated management information platform

Smart campus system

All-round understanding

Comprehensive and diversified background system architecture, cooperate with the school to grasp students' daily physical test data in real time. It helps to understand students' campus life situation, evaluate teaching results, provide convenience for teachers' overall and personalized teaching, improve teaching level, realize the upgrade of fully intelligent physical test equipment, and visualize students' exercise data. With real-time presentation of backstage production exercise data reports, it implements more accurate physical education.

Campus visual data platform

Fully connected device/fully intelligent scheduling/ data visualization

The school can grasp students' daily physical test data in real time, understand students' sports status, provide convenience for teachers' overall and personalized teaching, improve teaching level, and unified modular management of campus safety and equipment operation. It integrates control, maintenance and management, perceives campus resources, facilities, environment, safety, students and other information in real time, and finally realizes the daily operation supervision and emergency command, dispatch and control of the campus.

● :PEDESTRIAN INTERACTIVE DREAM SPRAY

In the tree-lined section, the Smart Walk combines tree trunks and lamp posts to carry out spray Settings. Whenever it senses that pedestrians are approaching, it will automatically spray to cool down, allowing pedestrians to immediately enter a cool and pleasant environment. The night mist with light changes will enhance the dreamy experience of the trail.

● INTELLIGENT LIGHTS

Intelligent lighting is in the busy city, combined with tree trunks, lamp posts, and roads. Whenever the night lights turn on, the city immediately into a gorgeous charming scene.

● HUMAN BODY SENSING MODULE

An interactive pedestrian way with intelligent induction in flower shape, adds fun to the street. Infrared induction device, lamp can set a variety of lighting effects to meet the different atmosphere.。

INDUCTION WALL

● When visitors approach the wall, they can automatically scan the running movement and project it to the LED wall in the form of dynamic image just like a shadow.

● The starting point can automatically record the user's fastest time to complete the mileage, published a top on the LED wall. It sounds very cool and fashionable.

HUMAN SENSOR LIGHT

● Integrated the artificial intelligence with the light, the interactive experience between induction light runway and the induction breath light. The light can be changed according to the human, adding fun to the experience.

FACE RECOGNITION SCREEN

System: Android	Display screen: 75 inches
Specification: Custom	Material: thickened steel plate
Color: Gray	Installation scenarios: parks, scenic spots, public entertainment places

Main functions: face recognition, heart rate detection, AI interaction, physical fitness detection, sports data, lighting interaction, environmental monitoring, weather monitoring, big data, Internet

- Sports data
- Light interaction
- Sports instruction
- Induction lighting
- Voice reminder
- Emergency call

MULTIFUNCTIONAL STORAGE CABINET WITH FACE RECOGNITION

System: Android	Display :21.5 inches
Specifications :1950*460*3000mm	Material: thickened steel plate
Color: Yellow	Installation scene: residential estate, office building, street

Main functions: face recognition, item storage, mobile phone charging

- Intelligent opening door
- Induction lighting
- Scanning code landing
- Face recognition
- Advertising screen

FACE RECOGNITION MULTIFUNCTIONAL POLE

Display screen:15 inches	Material: thickened steel plate
Specifications: custom	Material: thickened steel plate
color: white	Installation scene: parks, communities, squares, streets

Main functions: traffic flow, environmental monitoring, wifi service, emergency charging, emergency call, lighting system, video monitoring

- Environmental monitoring
- Emergency call
- Emergency charging
- Lighting system
- Video surveillance

SMART MOBILE TOILETS

System: Android	Display :21.5 inches
Specification: Custom	Material: thickened steel plate
Color: Silver gray	Installation scene: property community, park, street

Main functions: induction lighting, intelligent door opening, advertising light box, intelligent advertising screen, a washbasin, camera

- Intelligent door opening
- A washbasin
- Induction lighting
- Advertising screen

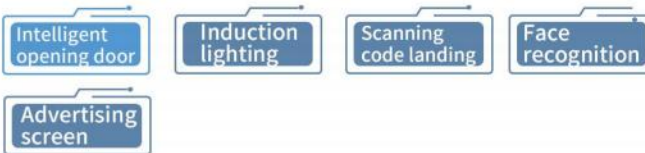## FACE RECOGNITION INTERACTIVE SCREEN

System: Android	Screen :55 inches
Specifications :1249*721*40mm	Material: toughened glass + aluminum alloy
Color: Black	

Installation scene: parks, streets, public entertainment places

Main functions: face recognition login, information display, data query, intelligent main control screen

- Face recognition
- Information display
- Data query

SMART BUS SHELTERS

System: Android	Screen :55 inches
Specification: Custom	Material: thickened steel plate
Color: Silver gray	Installation scene: community, park

Main functions: induction lighting, large advertising screen, wireless wifi, mobile phone charging

- Advertising ambient light
- Induction lighting
- Mobile phone charging
- Advertising screen
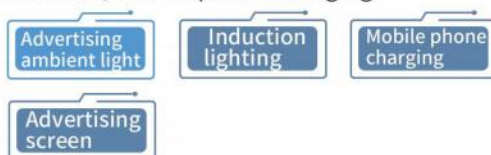
Core technology of intelligent dustbin

➡ Intelligent waste classification overall solution

classification system

The intelligent classification system relies on the current more advanced AI technology, such as mobile internet, big data, internet of things, cloud computing, etc., and through the means of information processing, from the aspects of garbage classification publicity, garbage classification and delivery, garbage classification and transportation, garbage classification and treatment, etc., to carry out intelligent management of all aspects of garbage classification. After years of vigorous development and research, it has gradually solved the problems faced by garbage classification work, To provide customers with professional services such as environmental health research, consultation, design, construction, and transportation equipment, thus establishing a comprehensive garbage classification management system.

Background management system

Management side

WeChat applet

Application side

➡ Smart Garbage Sorting Software and Hardware Interaction Scenario

Background data real-time linkage

Huaxun Zhongxing smart garbage sorting collection box has relatively advanced mode and technical advantages in the field of collection, and independently developed an intelligent sorting collection box with complete functions, high intelligence and stable operation. Relying on advanced technologies such as big data and the Internet of Things, this product builds an intelligent classification management system and an information-based big data management platform. Through dynamic monitoring and intelligent management of garbage classification, it can realize real-time linkage of offline and online data, and provide more stable and easily accessible background data support for classification and statistics of recycling volume.

➡ AI image recognition redefines garbage classification

AI intelligent classification system

AI technology continues to extend to the field of environmental protection, bringing new means of waste classification. Under the guidance of AI intelligent classification system, the intelligent classification equipment can take photos, quickly identify and accurately classify the delivered garbage through its own AI camera. AI image intelligent recognition is characterized by accurate identification and analysis of garbage. With the continuous collection and testing of garbage data, and the construction of intelligent domestic garbage classification system and management cloud platform based on artificial intelligence and big data analysis, the intelligent management of garbage classification will become more efficient and convenient.

Product advantage

Smart trash can

① Large display screen, fast and smart ✓

② Induction drop inlet, convenient and hygienic ✓

③ Sensor lighting, no fear of night ✓

④ Exchange points to turn waste into treasure ✓

⑤ Overfill indication saves time and effort ✓

⑥ Intelligent platform software, intelligent control ✓

traditional trash can

① Single function X

② It is unhygienic to manually open the cover X

③ Can't see clearly at night X

④ Unclear classification, waste of resources X

⑤ Garbage everywhere X

⑥ Manual cleaning is time-consuming and laborious X

Operation process

Multi-way login

Meet the needs of different users and quickly apply to everyone

Sensor lighting

Intelligently sense the surrounding environment, the light will be on when people come, and the light will be off after a delay when people leave

Double smart door opening method

Support points to open the door and support tourists to put in, so that garbage classification can be applied to different scenarios

Intelligent software platform

View, trace, and analyze data in different dimensions to provide data support for improving waste classification awareness

Login method

Sensor lighting

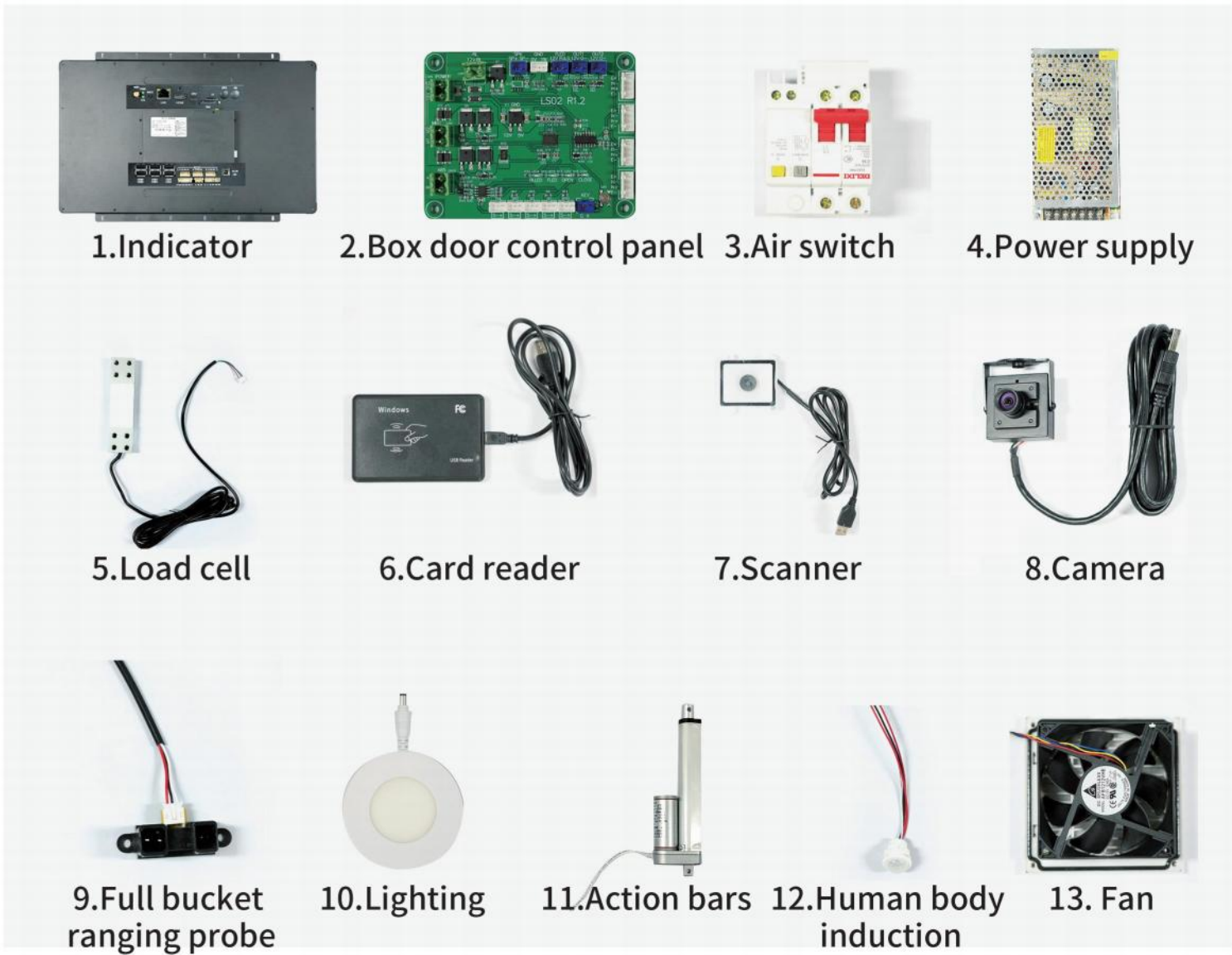Smart door opening

Software platform

Product function module

Android screen all-in-one machine	Easy to operate, fast and simple	Overflow indication	Make cleaning more effective and keep it clean and ready to serve
Sensor lighting	The light is on when people come, and the light is off after a delay when people leave	Face recognition	Automatic face recognition login
Points for	Exchange garbage and items to promote garbage classification	Weighing system	Accurate 1g, automatic weighing
Induction drop inlet	Automatically open when close to the drop inlet, sorting and disposing of garbage	Ambient Light	Energy saving

	Material name	Specification
1	Android screen all-in-one machine 21.5 inches	Main cabinet display
2	Door Control Panel	1 for 1 door (100*80mm), including 3 green plugs
3	Air switch	16A with leakage protection
4	Main control power supply	12V16.5A
5	Load cell	100KG 4-wire two parallel use
6	Card reader	USB plug, including wire, plug into the screen USB5
7	Scanner	Including cable, plug into the screen USB3
8	Face camera	The camera includes wires, plug into the screen USB4
9	Full bucket sensor	Full barrel ranging
10	LED lights	90MM
11	Electric actuator	12V 150mm 24mm/s with wire
12	Human sensor probe	With light sensor diameter 20mm
13	Fan	12V with filter, connect to 12V power supply

1.Indicator   2.Box door control panel   3.Air switch   4.Power supply

5.Load cell   6.Card reader   7.Scanner   8.Camera

9.Full bucket ranging probe   10.Lighting   11.Action bars   12.Human body induction   13. Fan

AI Voice Smart Trash Can

Voice human-computer interaction system, using your voice instead of manual operation to completely free your hands and make it easier to use

Voice human-computer interaction system, using your voice instead of manual operation completely frees your hands, which is easier to use

Little star, little star 🎤

🎤 I am here!

What is waste battery? 🎤

🎤 Hazardous waste

● Product Features

1.AI voice recognition to open the door

Garbage classification is carried out through human-computer interaction question and answer, the voice interaction is clear and natural, and the name and type of garbage are automatically identified.

2.Full barrel warning

Full bucket detection and early warning makes cleaning more efficient, and at the same time keeps the trash can always clean and ready to put in, improving users' awareness of garbage classification.

3.Induction lighting

Through the high-precision infrared ranging sensor, the height of the items in the box is measured, and the software calculates that the full bucket status reaches the threshold and automatically uploads the data, and pushes the full bucket warning message.

4.LCD advertising screen

Promote garbage classification knowledge, regional management, news, classification activities, encourage and supervise information release.

5.Sink

After throwing away the garbage, wash your hands in time to keep them clean.

RGW-002 SPECIFICATIONS

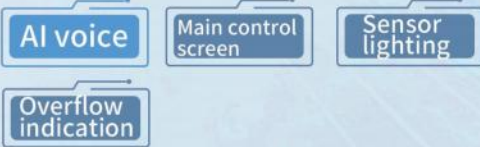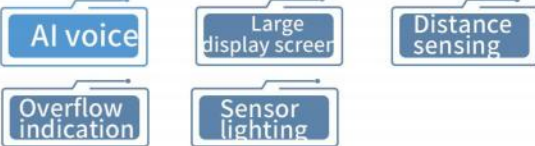|	
System: Android	Display screen: 21 inches
Category: 2 categories	Capacity: 120L*2
Size: 1850*740*1900mm	Color: Silver Gray
Installation scene: office buildings, parks, communities, squares	Material: thickened steel plate
Main functions: AI voice, induction lighting, large display screen, full bucket alarm, classified storage	

AI voice intelligent dustbin

RGAI-004

Category: 2 categories

Size: 1600*600*1450mm

Color: blue

Capacity: 100L*2

Material: thickened steel plate

Installation scene: parks, communities, squares, streets
Main functions: AI voice recognition to open the door, full bucket detection and warning, sensor lighting, Android main control screen
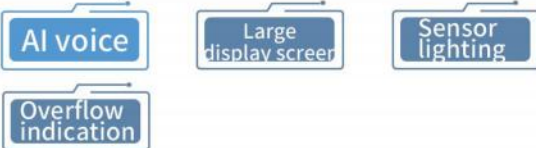
AI voice | Main control screen | Sensor lighting

Overflow indication

RGAI-001

System: Android	Display screen: 21.5 inch all-in-one machine
Category: 2 categories	Capacity: 100L*2
Size: 880*500*1303mm	Material: thickened steel plate
Color: blue	

Installation scene: office buildings, shopping malls, high-end residential areas, hotels, indoor applications
Main functions: AI voice recognition to open the door, full bucket detection and early warning, induction lighting, L CD advertising screen

AI voice | Large display screen | Sensor lighting

Overflow indication

RGAI-002

System: Android	Display screen: 21.5 inch all-in-one machine
Category: 2 categories	Capacity: 100L*2
Size: 1360*500*1303mm	Material: thickened steel plate
Color: blue	

Installation scene: office buildings, shopping malls, high-end residential areas, hotels, indoor applications
Main functions: AI voice recognition to open the door, full bucket detection and early warning, induction lighting, L CD advertising screen

AI voice | Large display screen | Sensor lighting

Overflow indication

MINI-002AI

System: Android	Display screen: 10 inches
Capacity: 50L*2	Category: 2 categories
Size: 1000*1000*1000mm	Material: thickened steel plate
Color: white	

Installation scene: property community, kindergarten, children's scenic spot...
Main functions: AI voice recognition to open the door, touch screen to open the door, intelligent distance sensing, full bucket detection and early warning, intelligent anti-pinch hand, Android main control screen, drop inlet shadow lamp

AI voice | Large display screen | Distance sensing

Overflow indication | Sensor lighting

RGAI-003

System: Android	Display screen: 21.5 inch all-in-one machine
Category: 4 categories	Capacity: 100L*4
Size: 2400*500*1303mm	Material: thickened steel plate
Color: blue	

Installation scene: office buildings, shopping malls, high-end residential areas, hotels, indoor applications
Main functions: AI voice recognition to open the door, full bucket detection and early warning, induction lighting, L CD advertising screen

AI voice | Large display screen | Sensor lighting

Overflow indication
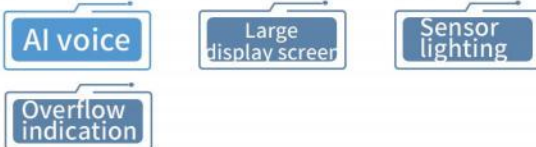
Induction smart trash can

Intelligent human-computer interaction system, intelligent large screen, simple operation, inductive drop inlet, points exchange, easier to use.

Intelligent human-computer interaction system, intelligent large screen, simple operation, inductive projection, hands free, easier to use。

Human body induction, automatic door opening

The real realization of throwing garbage without dirty hands, easily freeing hands brings a more convenient and comfortable experience, and is more convenient to use

Overflow indication | Sensor lighting | Induction door opening | Large display screen | points exchange

● Product Features

1.Android main ontrol screen
Publicity of garbage classification knowledge, promotion of regional management, news, classification activities, encourage and supervise the information release.

2.Point exchange machine
Use the Internet of Things technology to combine the garbage point system and item exchange to promote garbage classification.

3.Induction door opening
Close to the induction area of the drop inlet, the drop inlet will be opened automatically, and the garbage will be sorted out

4.4.LCD advertising screen
Promote garbage classification knowledge, regional management, news, classification activities, encourage and supervise information release.

5.Induction lighting
Induction lighting humanized design, saves energy and protect environment

HX-001 SPECIFICATIONS

System: Android	Display screen: 21.5 inch all-in-one machine
Category: 4 categories	Capacity: 240L*4
Size: 3495*800*1890mm	Color: silver
Installation scene: property area, park, square, scenic spot	Material: thickened steel plate
Main functions: small program code scanning login, card swiping login, face recognition login, sensor lighting, login to open the door + points, sensor to open the door, intelligent anti-pinch hand, weighing system full bucket detection and warning, multi-functional drop inlet display screen, intelligent software platform, Android main control screen, points exchange machine, LED advertising screen	

Induction smart dustbin

Full bucket Indication · Induction Lighting · Hand Washing Sink · Points Exchange · Face Recognition

Full bucket Indication · Induction Lighting · Induction Door Opening · Weighing System · Face Recognition

PX-006 SPECIFICATIONS

System: Android	Display screen: 7 inches
Classification: 4 Classification	Capacity: Custom
Dimension: L4000*W850*H2200mm	Color: white
Installation scenarios: parks, property community, office buildings, streets	Material: thickened steel plate

Main features: Small program scan code login、Swipe to log in、Facial recognition login、Induction lighting、 Login to open the door + points、Induction door opening、Intelligent anti-pinch hand、Weighing system、Full barrel detection warning、Intelligent software platform、Android main control screen、Points exchange machine、Advertising light box

PX-001
Dimension: L1200*W600*H9900mm   Capacity: Custom

PX-003
Dimension: L2600*W650*H220mm   Capacity: Custom

RGW-004 SPECIFICATIONS

System: Android	Display screen: 21.5inches
Classification: 4 Classification	Capacity: 240L*4
Dimension: L2196*W790*H1870mm	Color: blue
Installation scenarios: parks, property community, office buildings, streets	Material: thickened steel plate

Main features: Small program scan code login、Swipe to log in、Facial recognition login、Induction lighting、 Login to open the door + points、Induction door opening、Intelligent anti-pinch hand、Weighing system、Full barrel detection warning、Intelligent software platform、LED advertising screen

RGW-001
Dimension: L2820*W790*H1870mm   Capacity: 240L*2

RGW-001X
Dimension: L1195*W500*H1172mm Capacity: 240L*2

Induction smart dustbin

| Full bucket Indication | Induction Lighting | Induction Door Opening | Large Display Screen | Face Recognition |

| Swipe Card/ Swipe Code | Point System | Software Platform |

YXG-001   SPECIFICATIONS

System: Android	Display screen: 21.5 inches
Classification: 4 Classification	Capacity: 240L*4
Dimension: L5600*W1500*H2500mm	Color: blue
Installation scenarios: parks, property community, office buildings, streets	Material: thickened steel plate

Main features: Small program scan code login、Swipe to log in、Facial recognition login、Induction lighting、Login to open the door + points、Induction door opening、Intelligent anti-pinch hand、Weighing system、Full barrel detection warning、Intelligent software platform

YXG-002

System: Android	Display Screen: 21.5 inches
Classification: 4 Classification	Capacity: 240L*4

Dimension: L4500*W2540*H2900mm Material: thickened steel plate

Color: Blue   Installation scenarios: park, community, square, street

Main features: Small program scan code login、Swipe to log in、Facial recognition login、Induction lighting、Login to open the door + points、Induction door opening、Intelligent anti-pinch hand、Weighing system、Full barrel detection warning、Intelligent software platform、Intelligent advertising screen、Hand Washing Sink

| Induction Door Opening | Swipe Card / Swipe Code | Face Recognition | Full Bucket Indication |
| Advertising Screen | Induction Lighting | Software Platform | |

YXG-003

System: Android	Display Screen: 21.5 inches
Classification: 4 Classification	Capacity: 240L*4

Dimension: L5600*W1500*H2500mm Material: thickened steel plate

Color: Blue   Installation scenarios: park, community, square, street

Main features: Small program scan code login、Swipe to log in、Facial recognition login、Induction lighting、Login to open the door + points、Induction door opening、Intelligent anti-pinch hand、Weighing system、Full barrel detection warning、Intelligent software platform、Intelligent advertising screen

| Induction Door Opening | Swipe Card / Swipe Code | Face Recognition | Full Bucket Indication |
| Advertising Screen | Induction Lighting | Software Platform | Hand Washing Sink |

YXG-004

System: Android	Display Screen: 21.5 inches
Classification: 4 Classification	Capacity: 240L*4

Dimension: L3720*W800*H1850mm   Material: thickened steel plate

Color: Blue   Installation scenarios: park, community, square, street

Main features: Small program scan code login、Swipe to log in、Facial recognition login、Induction lighting、Login to open the door + points、Induction door opening、Intelligent anti-pinch hand、Weighing system、Full barrel detection warning、Intelligent software platform

| Induction Door Openin | Swipe Card / Swipe Code | Face Recognition | Full Bucket Indication |
| Software Platform | Induction Lighting | | |

Induction smart dustbin
Induction Smart Bins

RGG-002

System: Android	Display Screen: 10 inches
Classification: 3 Classification	Capacity: 240L*2

Dimension: L4730*W2520*H3300mm Material: thickened steel plate
Color: Grey Installation scenarios: property district, centralised waste collection office, street

Main features: Small program scan code login、Swipe to log in、Facial recognition login、Induction lighting、Login to open the door + points、Induction door opening、Intelligent anti-pinch hand、Weighing system、Full barrel detection warning、Intelligent software platform、Intelligent two-classification + pocket two-classification、Points exchange machine、Hazardous waste recycling bins

- Induction Door Opening
- Points Exchange
- Face Recognition
- Weighing System
- Advertising Screen
- Induction Lighting

RGG-003

System: Android	Display Screen: 21.5inches
Classification:4 Classification	Capacity: 240L*4

Dimension: L5300*W1300*H2800mm Material: thickened steel plate
Color: Grey Installation scenarios: property district, centralised waste collection office, street

Main features: Small program scan code login、Swipe to log in、Facial recognition login、Induction lighting、Login to open the door + points、Induction door opening、Intelligent anti-pinch hand、Weighing system、Full barrel detection warning、Intelligent software platform、Hand Washing Sink

- Induction Door Opening
- Swipe Card / Swipe Code
- Face Recognition
- Full Bucket Indication
- Advertising Screen
- Induction Lighting

RGG-004

System: Android	Display Screen: 10inches
Classification:2 Classification	Capacity: 240L*2

Dimension: L1600*W800*H2200mm Material: thickened steel plate
Color: Grey Installation scenarios: property block, office building, parks, street

Main features: Face recognition login, induction lighting, intelligent anti-pinching, intelligent main control screen weighing, full bucket detection warning, LED advertising screen

- Induction Door Opening
- Induction Lighting
- Face Recognition
- Full Bucket Indication
- Advertising Screen

Induction intelligent garbage booth
Sensitive intelligent rubbish kiosk

INTELLIGENT GARBAGE KIOSK

System: Android	Display Screen: 7inches
Classification:4 Classification	Capacity: 120L*4

Dimension: L4200*W1300*H2650mm Material: thickened steel plate
Color: Grey Installation scenarios: property block, office building, parks, street

Main features:Mini program scan code login, induction lighting, intelligent door opening, AI voice, points system, weighing system, full bucket detection warning, intelligent software platform, advertising light box

- Intelligent Door Opening
- Scan code login
- Face Recognition
- Induction Lighting
- Advertising Screen

RUBBISH COLLECTION STATION

System: Android	Display Screen:21.5inches
Classification:6 Classification	Capacity: 240L*6

Dimension: L5960*W3160*H3480mm Material: thickened steel plate
Color: Grey Installation scenarios: property block, office building, parks, street

Main features: sensor lighting, intelligent door opening, weighing system, full bucket detection warning, advertising light box, intelligent advertising screen, hand washing sink, camera

- Intelligent Door Opening
- Swipe Card / Swipe Code
- Face Recognition
- Induction Lighting
- Advertising Screen
- Hand Washing Sink

GARBAGE COLLECTION STATION

System: Android	Display Screen:18.5inches
Classification:5 Classification	Capacity: 120L*5

Dimension: L5000*W2500*H1400mm Material: thickened steel plate
Color: blue Installation scenarios: property block, park

Main features: Mini program scan code login, induction lighting, intelligent door opening, points system, weighing system, full bucket detection warning, intelligent software platform, advertising light box, intelligent advertising screen, hand washing sink

- Intelligent Door Opening
- Scan code login
- Face Recognition
- Weighing System
- Advertising Screen
- Face Recognition

Sensitive Smart Recycling Bins

Intelligent human -machine interaction system recycling boxes, recycling bags, clothing, etc. can be reused to use daily necessities, and the points exchange is worth it.

Intelligent human-computer interaction system recycling box, recycling bags, clothing and other reusable life items, points exchange for value for money.

FABRIC RECYCLING

CLASSIFICATION OF FABRIC

● Product Features

1.Face recognition / swipe card login

Provide multiple ways to log in to meet the needs of different types of users and promote the rapid application of garbage classification to everyone.

2.Intelligent door opening

Dual intelligent door opening methods, supporting both the opening of the door with points and the putting out of rubbish by visitors, allowing the separation of rubbish to be applied to different scenarios.

3.Plastic bottle drop inlet

Plastic bottles are individually recycled for easy drop-off

4.Classification identification

Clear garbage sorting and labeling, putting garbage at a glance

5. Induction lighting

Humanized design of induction lighting, energy saving and environmental protection.

YXG-201 SPECIFICATIONS

system: Android	Display Screen: 15.6 inches
Classification: 2 Classification	Capacity: 900L textile recycling + 50L plastic recycling
Dimension: L1550*W780*H2240mm	Color: off-white
Installation scenarios: community, park, square, street, school, factory	Material: thickened steel plate

Main features: mini program scan code login, swipe card login, induction lighting, login to open door + points, points withdrawal, intelligent anti-pinching hand, weighing system, counting system, full bucket detection warning, intelligent software platform, ambient light

Induction intelligent recycling box

YXG-202

System: Android   Display Screen: 21.5 inches

Classification: 5 Classification   Capacity: 840L*4+50L

Dimension: L4140*W780*H2200mm   Material: thickened steel plate

Color: Grey   Installation scenarios: community, park, square, street, school

Main features: weighing system, induction lighting, full bucket alarm, large display, classified storage

- Full Bucket Indication
- Overflow indication
- code scanner
- large display

YXG-204

System: Android   Display Screen: 21.5 inches

Classification: 2 Classification   Capacity: 900L textile recycling + 50L plastic recycling

Dimension: L1600*W780*H2300mm   Material: thickened steel plate

Color: White   Installation scenarios: community, park, square, street

Main features: mini program scan code login, swipe card login, induction lighting, login to open door + points, points withdrawal, intelligent anti-pinching hand, weighing system, counting system, full bucket detection warning, intelligent software platform, ambient light

- Full Bucket Indication
- swipe card/ swipe code
- face recognition
- overflow indication
- point withdrawal
- Induction door openin
- software platform

BAMBOO COLOR SMART RECYCLING BIN

System: Android   Display Screen:15.6 inches

Classification: 5 Classification   Capacity: 840*4 + 50L

Dimension: L4500*W820*H2030mm   Material: thickened steel plate

Color: green   Installation scenarios: community, park, square, street, school, factory

Main features: AI voice、weighing system, induction lighting, full bucket alarm, large display, classified storage

- Full Bucket Indication
- Induction door openin
- AI voice
- weighing system

YXG-203

System: Android   Display Screen: 15.6 inches

Classification: 5 Classification   Capacity: 840L*4+50L

Dimension: L4140*W780*H2200mm   Material: thickened steel plate

Color: White

Installation scenarios: community, park, square, street, school

Main features: AI voice、weighing system, induction lighting, full bucket alarm, large display, classified storage

- Full Bucket Indication
- weighing system
- code scanner
- large display
- AI voice

YXG-206

system: Android   Display Screen: 10 inches

Classification: 5 Classification   Capacity: 840*4 + 50L

Dimension: L5450*W800*H1930mm   Material: thickened steel plate

Color: blue   Installation scenarios: community, park, square, street, school, factory

Main features: weighing system, induction lighting, large display, full bucket alarm, large display, classified storage, point exchange

- large display
- induction lighting
- Full Bucket Indication
- overflow indication

Induction open door trash can

Close to the sensing area of the delivery port, the door of the delivery port will automatically open, and the garbage will be sorted and put in; the operation is simple.

TWO CLASSIFICATIONS TRASH CANS

Classification: 2 classifications

Specification: 1000*520*1500mm

Color: Blue

Capacity: 50L*2

Material: Thickened steel plate

Installation scene: parks, communities, squares, streets
Main functions: induction door opening, full bucket alarm, intelligent classification

| Induction door opening | Full Bucket Indication | intelligent classification |

intelligent classification induction door opening

TWO CLASSIFICATIONS TRASH CANS

System: /	Display screen: /
Classification: 2 classifications	Capacity: 50L*2
Specification: 1000*520*1500mm	Material: Thickened steel plate

Color: blue

Installation scene: parks, communities, squares, streets
Main functions: induction door opening, full bucket alarm, intelligent classification

| Induction door opening | Full Bucket Indication | intelligent classification |

INTELLIGENT IOT MEDICAL WASTE BIN

System: Android	Display screen: 7 inch
Classification: 2 classifications	Capacity: customize
Specification: 650*600*780mm	Material: Thickened steel plate
Color: Yellow	Installation scenarios: hospitals, clinics, laboratories, medical beauty shops

Main functions: small program scan code login, swipe card login, face recognition login、Login to open the door + points, intellint anti-pinch, weighing system, full bucket detection alarm, intelligent software platform, sensor disinfecting

| sensor disinfecting | swipe card/ swipe code | face recognition | Full Bucket Indication |
| weighing system | software platform |

TWO CLASSIFICATIONS TRASH CANS

System: /	Display screen: /
Classification: 2 classifications	Capacity: 50L*2
Specification: 900*600*1460mm	Material: Thickened steel plate

Color: silver gray

Installation scene: parks, communities, squares, streets
Main functions: induction door opening, full bucket alarm, intelligent classification

| Induction door opening | Full Bucket Indication | intelligent classification |

INTELLIGENT IOT MEDICAL WASTE BIN

System: /	Display screen: /
Classification: 2 classifications	Capacity: customize
Specification: 600*600*780mm	Material: Thickened steel plate

Color: yellow

Installation scenarios: hospitals, medical beauty shops
Main function: Swipe the card to open the delivery door

| Swipe card drop port |

Product function module

Product function module

Solar power supply	Environmental protection and energy saving, easy installation
Sensor lighting	When people come, the light turns on, and when people leave, the light turns off after a delay
Advertising light boxes	Advertising, product display, etc.
USB charging	Connect to the mobile phone to charge, smart and convenient

Wireless charging	Instant charging, enhance user experience
Bluetooth audio	Provide personalized leisure scenes and create different atmospheres
4Gwifi	Help users solve temporary Internet access needs, convenient and fast
Ambient Light	Both high brightness and low light decay, energy saving

	Material name	Specification
1	Solar panels	50W 540*510*18
2	Solar Charge Controller	12V30A
3	open	2P 16A
4	Battery	12V32A 267*77*170
5	USB waterproof charging cable	5V 2A
6	Wireless charging	hole 6cm diameter 8cm
7	Bluetooth Speaker	5V 320*64*68mm
8	charging board	2 way USB
9	4G wireless router	With IoT card
10	light	12V 300*300
11	human sensor switch	diameter 20mm
12	rectifier	
13	the relay	

1.Solar panels   2.Solar Charge Controller   3.open   4.Battery

5.USB waterproof charging cable   6.Wireless charging   7.Bluetooth Speaker   8.charging board

9.4G wireless router   10. light   11.human sensor switch   12.rectifier   13. the relay

Product advantage

Product advantage

Smart Park Bench

① Wireless charging ✓

② USB charging for outdoor emergency ✓

③ Induction lighting without fear of night ✓

④ Bluetooth speakers add fun ✓

⑤ Solar panels for environmentally friendly power generation ✓

⑥ More interesting combinations ✓

Traditional park chair

① Cannot charge X

② Cannot save your phone at any time X

③ Can't see clearly at night X

④ No sound monotonous and boring X

⑤ No power X

⑥ Can't match components X
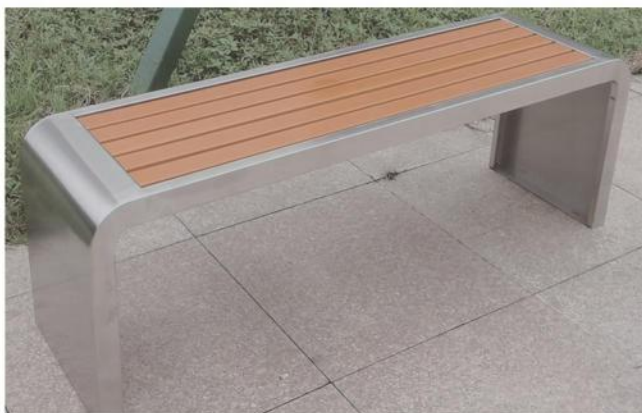
Operating procedures

Operation process

Wireless charging

High charging conversion rate, instant charging

Sensor lighting

Intelligently sense the surrounding environment, the light will be on when people come, and the light will be off after a delay when people leave

Bluetooth audio

Scan the QR code to connect to Bluetooth and choose your favorite songs

USB charging

Standard interface, connect to mobile phone to charge

Wireless charging

Sensor lighting

Bluetooth audio

USB charging

Smart Park Bench with Brim

The streamline design makes the product look chic and elegant. Hat brim shape, smart sensor lights, and multiple functions provide a good user experience

Streamline modeling design, so that the product looks chic and elegant. Hood shape for users to shelter from wind and rain. Multiple functions provide good user experience.

Solar Panel: 50W 540*510*18

Light: 12V 300*300

Product specification：2000*550*2300(可定制)

Product configuration: smart park bench, solar panel, display screen, USB interface, WIFI, Bluetooth audio, lighting

● Product Features
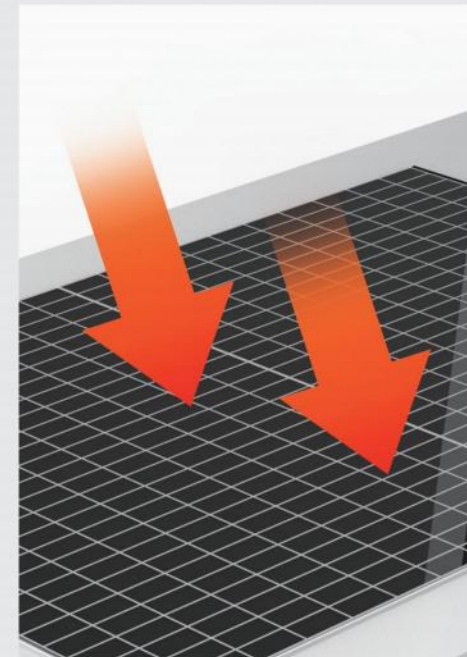
1.Solar powered

Solar power supply is environmentally friendly and energy-saving, easy to install, low maintenance cost, power attenuation to 90% in 10 years

2.Induction lighting

Humanized design of induction lighting, energy saving and environmental protection; the light is on when people come, and the light is off after people leave, the sensing distance is more than 4 meters
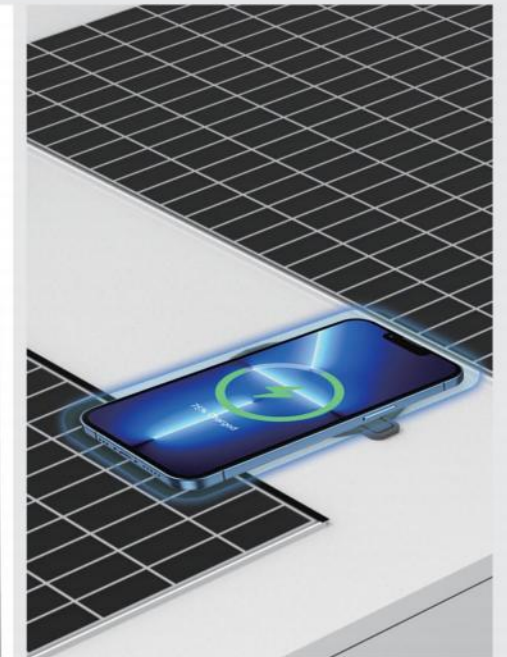
3.Wireless Charge

WPC-compliant QI standard wireless charging induction coil, built-in isolation magnetic sheet, high charging conversion rate, wireless charging can be charged immediately, improving user experience

4.Advertising light box

Display advertisements, product displays, notifications and other types of publicity. Through evenly distributed transformer-free light strips, the light box can show high-definition effects with high brightness, no dark areas, and no flickering

5.Bluetooth audio

Bluetooth audio provides personalized leisure scenes and creates a different sense of atmosphere. Using high-performance digital functions, dual speakers and dual guide ports, compatible with 99% of smart devices on the market

Smart hooded Park Chair

Smart Park Bench with Brim

DMT-001

- Rated voltage：12V30A
- product specification：2000*450*2200
- Product material: galvanized sheet
- Product color: silver gray

| Advertising light boxes | Sensor lighting | Solar panels | Wireless charging | Bluetooth audio |

SPECIFICATIONS

Solar panel: 50W 540*510*18	Light: 12V 300*300
Battery：12V32A 267*77*170	Charging board: 2-way USB
Wireless charging: opening 6CM diameter 8CM	USB waterproof charging cable: 5V 2A
Applicable scenarios: parks, communities, office buildings, pedestrian streets, shopping malls, squares, scenic spots…	4G wireless router: including IoT card
Product configuration: smart park bench, solar panel, display screen, USB interface, WIFI, Bluetooth audio, lighting	

DMT-003

Solar panel: 50W 540*510*18   Flashlight: 12V 300*300

Product specification：2000*650*2250   USB waterproof charging cable: 5V 2A

Wireless charging: opening 6CM diameter 8CM   Charging board: 2-way USB

Battery: 12V32A 267*77*170

4G wireless router: including IoT card

Product configuration: smart park bench, solar panel, display screen, USB interface, WIFI, Bluetooth audio, lighting

Applicable scenarios: parks, communities, office buildings, pedestrian streets, shopping malls, squares, scenic spots…

| Solar panels | USBcharging cable | Advertising light boxes |
| Bluetooth audio | Sensor lighting | Wireless charging |

DMT-004

Solar panel: 50W 540*510*18   Flashlight: 12V 300*300

Product specification：2000*460*2200   USB waterproof charging cable: 5V 2A

Wireless charging: opening 6CM diameter 8CM   Charging board: 2-way USB

Battery：12V32A 267*77*170

4G wireless router: including IoT card

Product configuration: smart park bench, solar panel, display screen, USB interface, WIFI, Bluetooth audio, lighting

Applicable scenarios: parks, communities, office buildings, pedestrian streets, shopping malls, squares, scenic spots…

| Solar panels | USBcharging cable | Advertising light boxes |
| Bluetooth audio | Sensor lighting | Wireless charging |

DMT-002

Solar panel: 50W 540*510*18   Flashlight：12V 300*300

Product specification：2100*580*2300   USB waterproof charging cable: 5V 2A

Wireless charging: opening 6CM diameter 8CM   Charging board: 2-way USB

Battery：12V32A 267*77*170

4G wireless router: including IoT card

Product configuration: smart park bench, solar panel, display screen, USB interface, WIFI, Bluetooth audio, lighting

Applicable scenarios: parks, communities, office buildings, pedestrian streets, shopping malls, squares, scenic spots…

| Solar panels | USBcharging cable | Advertising light boxes |
| Bluetooth audio | Sensor lighting | Wireless charging |

DMT-005

Solar panel: 50W 540*510*18   Flashlight: 12V 300*300

Product specification：2000*550*2300   USB waterproof charging cable: 5V 2A

Wireless charging: opening 6CM diameter 8CM   Charging board: 2-way USB

Battery: 12V32A 267*77*170

4G wireless router: including IoT card

Product configuration: smart park bench, solar panel, display screen, USB interface, WIFI, Bluetooth audio, lighting

Applicable scenarios: parks, communities, office buildings, pedestrian streets, shopping malls, squares, scenic spots…

| Solar panels | USBcharging cable | Advertising light boxes |
| Bluetooth audio | Sensor lighting | Wireless charging |

Smart hooded Park Chair
Smart Park Bench with Brim

DMT-006

- Rated voltage：12V30A
- Product specifications：2000*550*2300
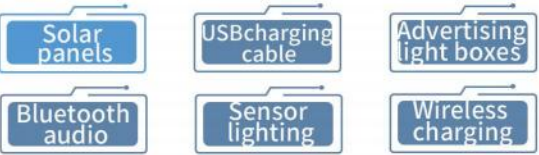- Product material: galvanized sheet
- Product color: silver gray

Advertising light boxes	Sensor lighting	Solar panels	Wireless charging	Bluetooth audio

SPECIFICATIONS

Solar panel: 50W 540*510*18	Light: 12V 300*300
Battery：12V32A 267*77*170	Charging board: 2-way USB
Wireless charging: opening 6CM diameter 8CM	USB waterproof charging cable: 5V 2A
Applicable scenarios: parks, communities, office buildings, pedestrian streets, shopping malls, squares, scenic spots...	4G wireless router: including IoT card
Product configuration: smart park bench, solar panel, display screen, USB interface, WIFI, Bluetooth audio, lighting	

DMT-008

Solar panel: 50W 540*510*18   Flashlight: 12V 300*300

Product specification : 2000*550*2300   USB waterproof charging cable: 5V 2A

Wireless charging: opening 6CM diameter 8CM   Charging board: 2-way USB

Battery: 12V32A 267*77*170

4G wireless router: including IoT card

Product configuration: smart park bench, solar panel, display

screen, USB interface, WIFI, Bluetooth audio, lighting

Applicable scenarios: parks, communities, office buildings,

pedestrian streets, shopping malls, squares, scenic spots...

Solar panels	USBcharging cable	Advertising light boxes
Bluetooth audio	Sensor lighting	Wireless charging

DMT-007

Solar panel: 50W 540*510*18   Flashlight: 12V 300*300

Product specification : 2000*550*2300   USB waterproof charging cable: 5V 2A

Wireless charging: opening 6CM diameter 8CM   Charging board: 2-way USB

Battery: 12V32A 267*77*170

4G wireless router: including IoT card

Product configuration: smart park bench, solar panel, display

screen, USB interface, WIFI, Bluetooth audio, lighting

Applicable scenarios: parks, communities, office buildings,

pedestrian streets, shopping malls, squares, scenic spots...

Solar panels	USBcharging cable	Advertising light boxes
Bluetooth audio	Sensor lighting	Wireless charging
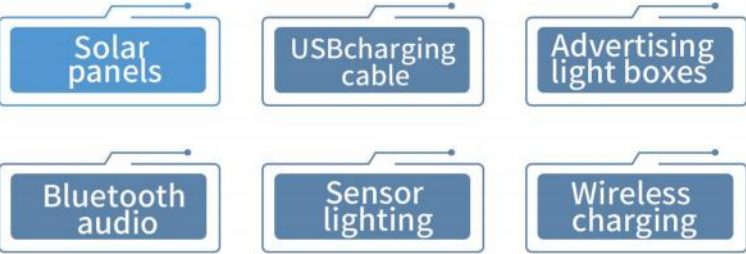
DMT-009

Solar panel: 50W 540*510*18   Flashlight: 12V 300*300

Product specification : 2000*550*2300   USB waterproof charging cable: 5V 2A

Wireless charging: opening 6CM diameter 8CM   Charging board: 2-way USB

Battery: 12V32A 267*77*170

4G wireless router: including IoT card

Product configuration: smart park bench, solar panel, display

screen, USB interface, WIFI, Bluetooth audio, lighting

Applicable scenarios: parks, communities, office buildings,

pedestrian streets, shopping malls, squares, scenic spots...

| Solar panels	USBcharging cable	Advertising light boxes
Bluetooth audio	Sensor lighting	Wireless charging
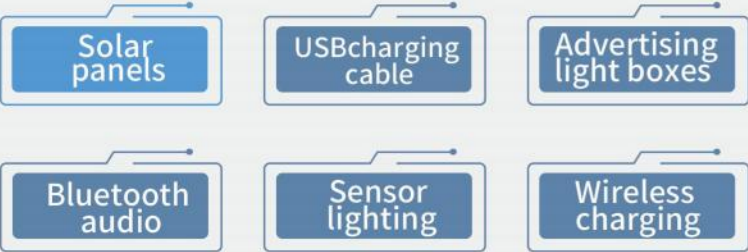
Smart Deconstructed Park Bench

A variety of practical functions, increase the sense of science and technology at the same time, give more convenient use experience

A variety of practical functions, increase the sense of science and technology at the same time, give a more convenient use experience.
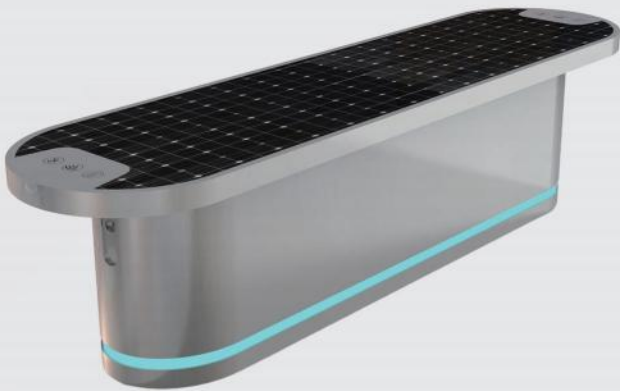
JGX-002

Solar panel: 50W 540*510*18	Flashlight: 12V 300*300
Product specification : 1800*450*450	USB waterproof charging cable: 5V 2A
Wireless charging: opening 6CM diameter 8CM	Charging board: 2-way USB

Battery：12V32A 267*77*170

4G wireless router: including IoT card

Product configuration: smart park bench, solar panel, display screen, USB interface, WIFI, Bluetooth audio, lighting

Applicable scenarios: parks, communities, office buildings, pedestrian streets, shopping malls, squares, scenic spots...

- Solar panels
- USB charging cable
- Bluetooth audio
- Sensor lighting
- Wireless charging

JGX-003

Solar panel：50W 540*510*18	USB waterproof charging cable: 5V 2A
Product specification：2000*450*450	Charging board: 2-way USB

Battery: 12V32A 267*77*170

4G wireless router: including IoT card

Product configuration: smart park bench, solar panel, USB interface

Applicable scenarios: parks, communities, office buildings, pedestrian streets, shopping malls, squares, scenic spots...

- Solar panels
- USB charging cable
- Wireless charging

JGX-004

Light: 12V	USB waterproof charging cable: 5V 2A

Product specifications: : 2500*580*970

Wireless charging: opening 6CM diameter 8CM   Charging board: 2-way USB

Battery: 12V32A 267*77*170

4G wireless router: including IoT card

Product configuration: Intelligent park chair, induction light belt, wireless charging, USB interface, mask box, raincoat box

Applicable scenarios: parks, communities, office buildings, pedestrian streets, shopping malls, squares, scenic spots...
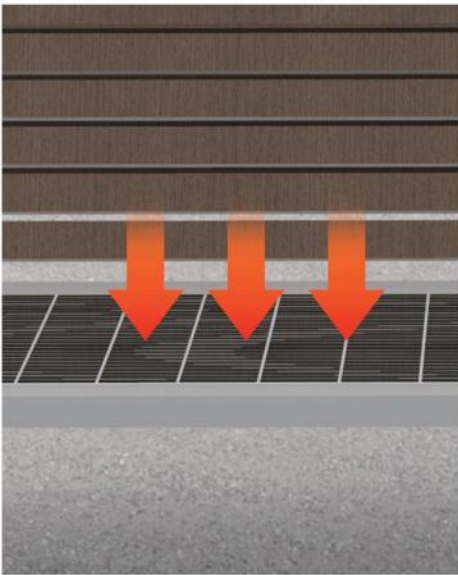
- Sale slot
- USB charging cable
- induction light belt
- Wireless charging
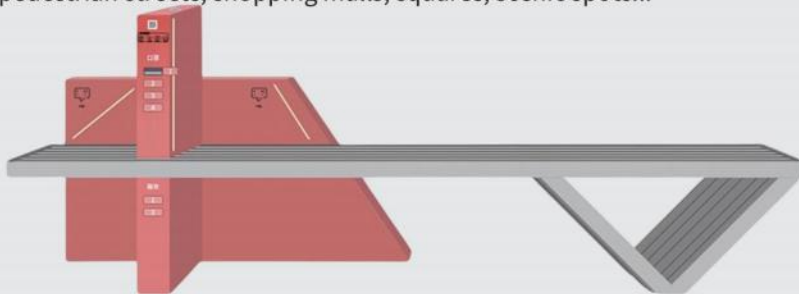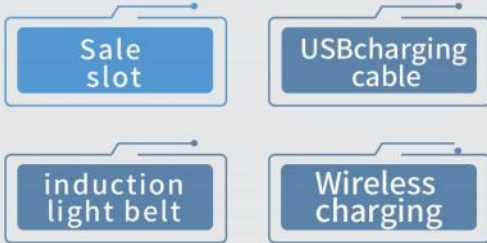
1.Wireless charging
In line with WPC QI standard wireless charging induction coil, built-in isolation magnetic sheet, high charging conversion rate, wireless charging is put and charged, improve user experience

2.Usb charging
Standard USB interface, waterproof long life, connected mobile phone can be charged, smart and convenient
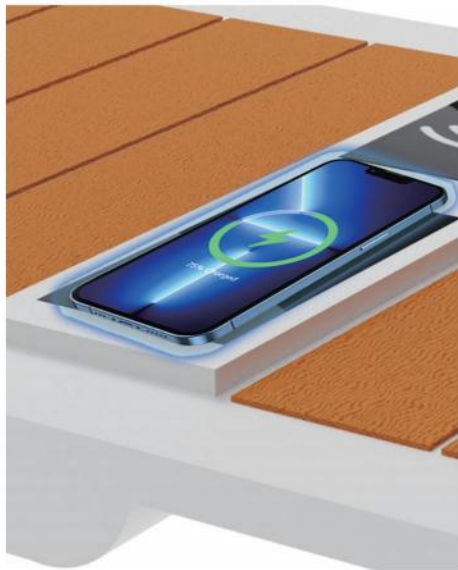
3.Solar power supply
Monocrystalline silicon solar cells have high conversion efficiency, excellent low-light performance, easy installation, low maintenance cost, and 10 years of power attenuation to 90%.

Smart Large Space Park Chair

Comfortable large space, good light transmission, with automatic vending machine can buy water and snacks, with a variety of accessories, increase the fun

Comfortable large space, good light transmission, with automatic vending machine can buy water and snacks; Accessorize with various accessories for added fun.

JYG-001

Solar panel: 50W 540*510*18   Flashlight: 12V 300*300
Product specification：2000*1525*2300 USB waterproof charging cable: 5V 2A
Wireless charging: opening 6CM diameter 8CM   Charging board: 2-way USB
Battery：12V32A 267*77*170
4G wireless router: including IoT card

Product configuration: smart park bench, solar panel, display screen, USB interface, WIFI, Bluetooth audio, lighting
Applicable scenarios: parks, communities, office buildings, pedestrian streets, shopping malls, squares, scenic spots...

- Solar panels
- Shared bookcase
- Advertising light boxes
- Bluetooth audio
- Sensor lighting
- Wireless charging

JYG-004

Solar panel: 50W 540*510*18   Flashlight: 12V 300*300
Product specification：2000*800*1950 USB waterproof charging cable: 5V 2A
Wireless charging: opening 6CM diameter 8CM   Charging board: 2-way USB
Battery: 12V32A 267*77*170
4G wireless router: including IoT card

Product configuration: smart park bench, solar panel, display screen, USB interface, WIFI, Bluetooth audio
Applicable scenarios: parks, communities, office buildings, pedestrian streets, shopping malls, squares, scenic spots，Art museum

- Solar panels
- USB charging cable
- Advertising light boxes
- Bluetooth audio
- WIFI
- Wireless charging
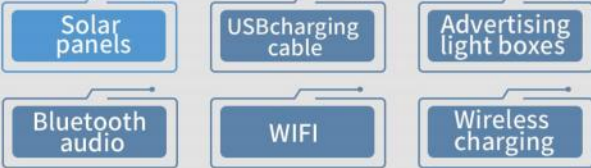
JYG-003

Solar panel: 50W 540*510*18   Flashlight: 12V 300*300
Product specification：Custom size   USB waterproof charging cable: 5V 2A
Wireless charging: opening 6CM diameter 8CM   Charging board: 2-way USB
Battery：12V32A 267*77*170
4G wireless router: including IoT card

Product configuration: smart park bench, solar panel, display screen, USB interface, WIFI, Bluetooth audio
Applicable scenarios: parks, communities, office buildings, pedestrian streets, shopping malls, squares, scenic spots...

- Solar panels
- Modular component
- Advertising light boxes
- Bluetooth audio
- Sensor lighting
- Wireless charging

1.Wireless charging

In line with WPC QI standard wireless charging induction coil, built-in isolation magnetic sheet, high charging conversion rate, wireless charging is put and charged, improve user experience;

2.Bluetooth audio

The use of high-performance digital efficacy, sound source reduction more than 99%, close to lossless, double speakers double guide port, compatible with 99% of the market intelligent equipment, to provide personalized leisure scene, create different atmosphere.;

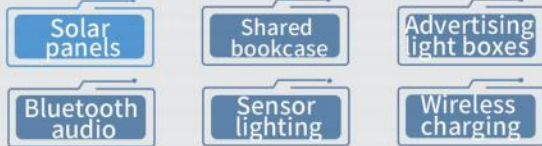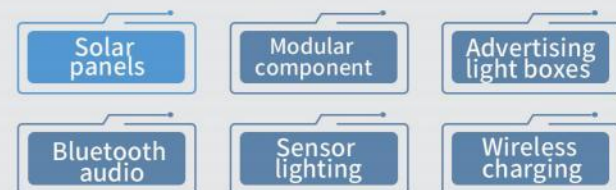### 3.A variety of parts collocation and combination

It can be matched with seesaw, massage chair, lounge chair, etc., suitable for different scenes。

Engineering case

Engineering case

Community garbage sorting station project
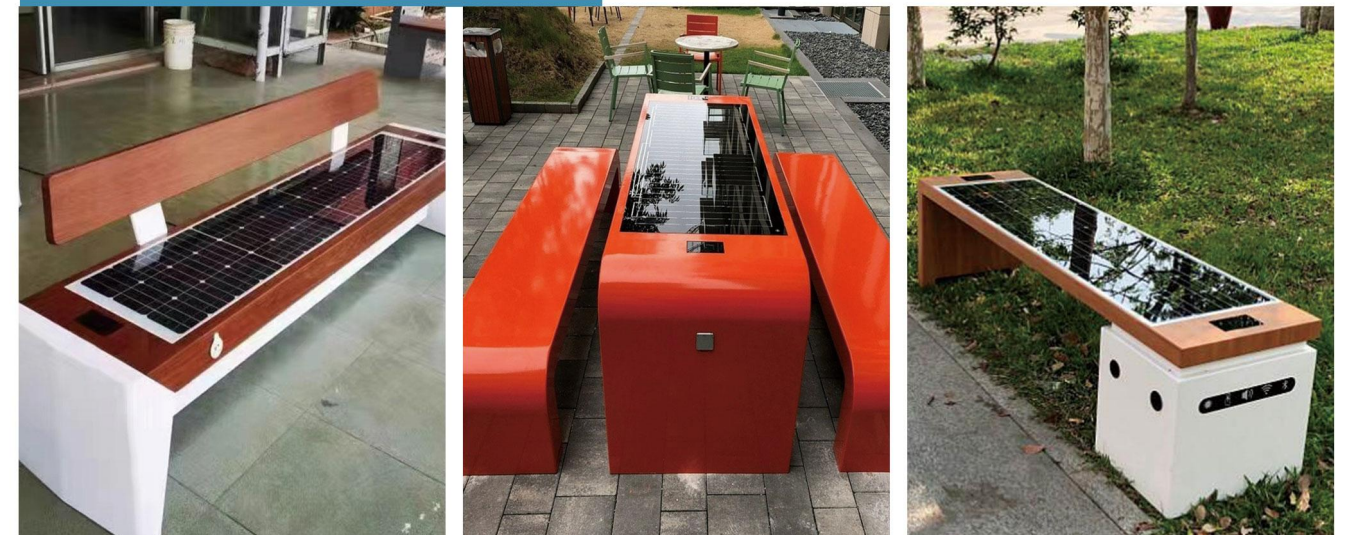

Urban smart supporting project

Philippines Smart Trash Can Project , located in Manila

Engineering renovation project >
Smart Park Bench project in Scarborough, UK

Engineering renovation project

< Smart Park project

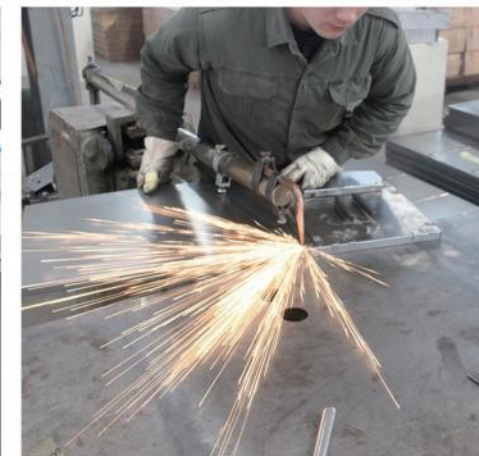## Smart Park Bench project in Positano, Italy

Smart Park project

ENTERPRISE QUALIFICAYION

OUR FACTORY

WORKSHOP/WORKER OPERATION

LOADING AND TRANSPORTATION

AFTER-SALE SERVICE

ELECTRONIC PARTS
WARRANTY ONE YEAR, LIFETIME MAINTENANCE

CABINET BODY
WARRANTY ONE YEAR, LIFETIME MAINTENANCE

AFTER-SALES SERVICE
ALL YEAR ROUND WITHOUT - REST, 24 HOURS RESPONSE

WE PROMISE
PROVIDE LIFETIME SERVICE FOR ALL PRODUCTS, ONE COOPERATION, LIFETIME SERVICE

CUSTOM DEVELOPMENT

From appearance design,
accessories assembly,
software development,
to provide one-stop solutions

SOFTWARE DEVELOPMENT
We provide customized development of intelligent cabinet software system according to customers' functional requirements

DESIGN, HARDWARE CUSTOMIZATION
Provide hardware customization services, specifications and sizes can be provided by customers

ELECTRONIC ACCESSORIES
We provide a complete set of electronic accessories (including: body sensor, camera, display screen, etc.)

Smart park bench core technology

Solar power supply

Atmosphere lamp

Bluetooth audio

Induction lighting

Wireless charging

LCDadvertising screen