



AIXIAOBAI ROBOTICS TOTAL SOLUTION



Customer Service Hotline

T / 400-859 1660 W / www.dabai-robot.com



Official account



Official micro signal

AI XIAOBAI ROBOT LET THE SERVICE MORE WARM

TOTAL CATEGORY

01 BRAND
INTRODUCTION

02 BUSINESS SCOPE

03 MEDIA REPORT

04 CREATION OF VALUE

05 MEDICAL
DISINFECTION ROBOT

06 MEDICAL ULTRAVIOLET
DISINFECTION ROBOT

07 MEDICAL ULTRAVIOLET
DISINFECTION ROBOT

08 ONE-STOP SERVICE

09 PERFORMANCE
LIST(PART)

CYCOMPANY PROFILE

AIXIAOBAI ROBOT focuses on the research and development of Internet of Things, artificial intelligence and robotics in the medical field. By deeply integrating robotics with medical business and using AI, 5G, IoT, smart chip and other international leading technologies, we provide a total solution of robot service system for Chinese modern hospitals to better meet their needs. We have launched 10+ robot products, mainly covering multiple fields such as intelligent handling, intelligent storage, sterilization sensory control and digital twin platform. We have experience in planning and implementing operation and maintenance of logistics/sensory control in hundreds of hospitals, and have conducted multi-faceted research on logistics and sensory control problems in Chinese hospitals, focusing on solving various problems in hospital materials from storage and transportation to environmental sensory control.

BRAND PHILOSOPHY

1

BUSINESS PHILOSOPHY

Make the service
more warm

2

PRODUCT PHILOSOPHY

To provide hospitals with safe, reliable and intelligent robot service system total solution

3

BRAND VISION

To become a high-end robot brand in the field of hospital logistics and environmental sensory control



SCOPE OF BUSINESS

MATERIAL TRANSPORTATION

Intelligent transportation of materials, closed-loop management of the whole process, and meet the logistics needs of



MATERIAL STORAGE

Intelligent picking, management, space saving, efficiency improvement efficiency and lean warehouse management



DISINFECTION CONTROL

Customized and precise disinfection for a safe treatment environment



DATA MANAGEMENT

Equipment status query, basic data maintenance, big data monitoring system



MEDIA REPORT

With its security and stability skills, the AIXIAOBAI robot provides efficient and reliable services to hospitals and has been awarded by the CCTV, Xinhua, People's Daily, Jiangsu TV and many other media.



VALUE CREATION



With the development of 5G, big data, artificial intelligence and other emerging technologies, unmanned and automated demand is growing, and service robots are on the front line in the fields of distribution, warehousing, extermination, etc., and their value in terms of efficiency, cost and safety is increasingly prominent.

IMPROVE EFFICIENCY

The robot operates fully automatically 7*24 hours, which is more efficient compared to manual work; the multi-vehicle parallel and intelligent scheduling capability eliminates various duplicate links and greatly enhances the flexibility of work in the hospital

STRENGTHEN THE SECURITY

The robot is equipped with an intelligent operation and management platform, which can conduct real-time auditing of the whole process of healthcare workers' system operation, reduce medical errors and medical accidents, and be safe and reliable; at the same time, the robot can avoid human contact, reduce the risk of cross-infection, and enhance safety when the robot replaces manual workers in an epidemic.

REDUCE THE COST

Short construction period, can be invested in phases according to hospital business volume, suitable for progressive hospital investment; support regular on-site maintenance, robot function can be continuously upgraded, reducing product upgrade and maintenance costs; 1 robot \approx 2~3 manpower, significantly reducing hospital labor costs and operating costs

DATA MANAGEMENT

AIXIAOBAl's logistics and environment digital twin smart logistics visualization platform realizes the standardization, traceability, real-time monitoring and quantifiable results of the whole process of material transportation, disinfection and control, and storage management in the hospital, helping the hospital to standardize and refine management

MATERIAL HANDLING SOLUTIONS

Facing the demand of hospital transformation, the strategic requirement of accelerating the "new infrastructure" based on information network and driven by technological innovation is put forward. AIXIAOBAI robot accurately grasps the trend of the times and the opportunity of historical development, and makes outstanding efforts in the logistics and transportation of intelligent hospitals, taking a variety of robots as carriers, through laser navigation, visual recognition, cross-floor elevator system docking, intelligent obstacle avoidance sensors, human-machine interaction and other state-of-the-art technologies, and integrating logistics and environmental digital twin intelligent logistics visualization platform to flexibly meet the different scenarios of hospitals. Diversified logistics needs to create an intelligent material transportation management system



NATIONAL POLICIES

In July 2015, the State Council promulgated Guiding Opinions of the State Council on Actively Promoting "Internet+" Action

In April 2018, the State Council promulgated Opinions of the General Office of the State Council on Promoting the Development of "Internet + Medical Health"

March 2019 promulgated by the State Council Notice of the General Office of the National Health and Wellness Commission on the Issuance of the Standard System for the Grading and Evaluation of Hospital Wisdom Services (for Trial Implementation)

July 2021
The Construction Standards for General Hospitals (CCB 110-2021) was released, clearly stating that logistics equipment was formally included in the national construction standards for general hospitals

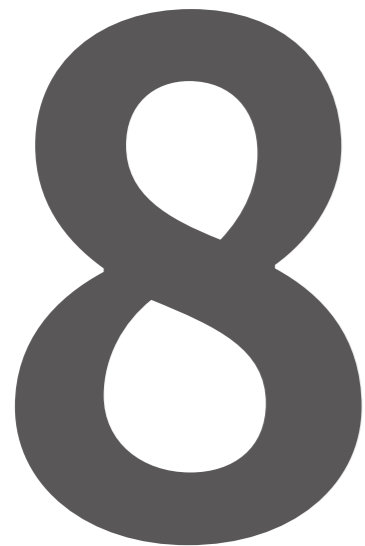
December 2021
The Construction Standards for Chinese Medicine Hospitals (CCB 106-2021) came into effect, specifying that logistics equipment was formally incorporated into the construction standards for Chinese medicine hospitals











TECHNOLOGY INTRODUCTION

PARAMETER CONFIGURATION

Positioning accuracy	±10mm	Drive type	Two-wheel differential drive
Payload	50kg / 100kg / 250kg	Crossing capacity	30mm
Maximum speed	1.5m/s	Crossing capacity	0.8m/s
Rotating angular speed	50°/s	Charging time	<3h
Continuous running speed	0.8m/s	Fat slope angle	≤5°
Charging mode	Automatic/manual	Battery life	1500 cycles



8 INNOVATIONS AND ADVANTAGES

 Human Machine Interaction System	 Closed-loop control	 Unmanned Docking	 Intelligent Dispatch
 Multi-platform collaborative technology	 Cross-floor elevator system	 Scheduling system	 Automatic charging

APPLICATION CENARIOS

MEDICAL HANDLING ROBOT

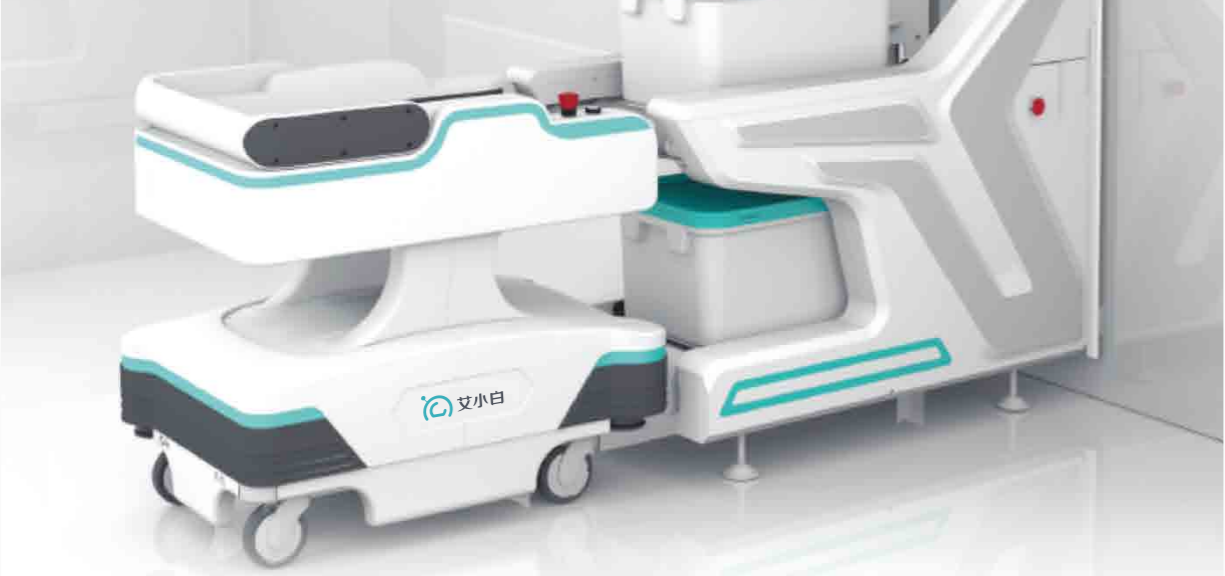
APPLICATION DEPARTMENT	TYPE OF TRANSPORTED MATERIAL		
Sedation dispensing center	Infusion	Nutrition Restaurant	Catering
Washing Center	Quilt clothing	Laboratory Department	Test specimens
Nursing unit/ward	Infusion, drugs, test drugs, and Case samples, equipment and supplies, clothing, etc.	Operating room	Instrument consumables, disposable sterile items Sterilization kits, treatment kits, infusions, drugs, etc.



APPLICATION SCENARIOS

MEDICAL BOX FEEDER ROBOT

APPLICATION DEPARTMENT	TYPE OF TRANSPORTED MATERIAL
Primary storage, secondary storage each nursing unit Infusion	drugs, test drugs, consumables, etc



INTELLIGENT MEDICAL WASTE SORTING AND COLLECTION ROBOT

APPLICATION DEPARTMENT	TYPE OF TRANSPORTED MATERIAL
Each nursing unit	Medical waste



MATERIAL STORAGE SOLUTIONS

AIXIAOBAI capital storage solutions, robot as a carrier, through the two-dimensional code positioning, laser navigation technology, integrated multi-robot SPD / HIS system to achieve seamless docking, greatly improving the hospital dynamic storage layout optimization, multi-dimensional material order optimization execution in one, can be with the hospital material storage efficiency, save space, to achieve lean storage management



NATIONAL POLICY

On March 15, 2021, the National Health Care Commission issued the "Hospital Intelligent Management Grading Assessment Standard System (for trial implementation)", which clearly requires that the strengthening of hospital storage management Intelligent linkage management of hospital warehouse management

医政医管局

主站首页 | 首页 | 最新信息 | 政策文件 | 工作动态 | 关于我们 | 专题专栏

通知公告

您现在的位置: 首页 > 最新信息 > 通知公告 > 通告公告

国家卫生健康委办公厅关于印发医院智慧管理分级评估标准体系（试行）的通知

发布时间: 2021-01-15 来源: 医政医管处

国卫办医函〔2021〕86号

各省、自治区、直辖市及新疆生产建设兵团卫生健康委:

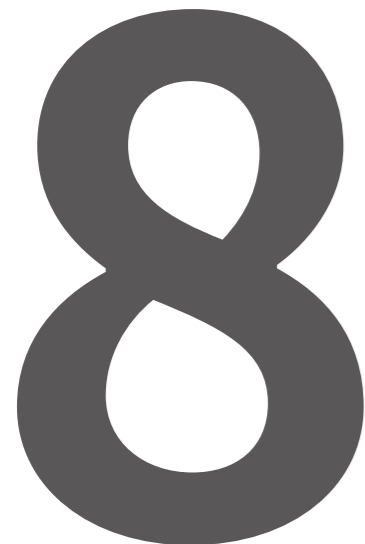
为落实《关于进一步完善预约诊疗制度加强智慧医院建设的通知》(国卫办医函〔2020〕405号)有关要求,指导医疗机构科学、规范开展智慧医院建设,提升医院管理精细化、智能化水平,我委组织制定了《医院智慧管理分级评估标准体系(试行)》,现印发给你们,供各地、各医院推进智慧医院建设时参照使用。我委暂不开展相关评估工作。

国家卫生健康委办公厅









TECHNOLOG YINTRODUCTION

PARAMETER CONFIGURATION

Dimensions	1480mm*818mm*2605mm	Load	50*5kg
Navigation method	QR code navigation + laser navigation	Travel speed	1500mm/1160mm
Product weight	450kg	Maximum lifting height	2195mm
Driving method	Two-wheel differential speed	Pick-up quantity	1 unit
Turning radius	0mm	Endurance time	6h



PARAMETER CONFIGURATION

 Multiple security protection	 Multi-system collaboration	 Multiple machine scheduling	 Inventory management
 Automatic order processing	 Efficiency sorting	 Automatic in and out of storage	 Automatic charging

APPLICATION SCENARIOS

MEDICAL HANDLING ROBO

APPLICATION DEPARTMENT	TYPE OF TRANSPORTED MATERIAL
Primary storage,secondary storage	Drugs, consumables, etc.
Operating room, sterilization supply center	Disinfection instrument kits, disinfection supplies, auxiliary material kits, etc.
Other warehouses	Logistic materials, etc



DISINFECTION SENSING CONTROL SOLUTION

Facing the demand for unmanned disinfection under hospitalization prevention and control, Ai Xiaobai, as a Chinese AI technology innovation brand, gives full play to its strong R&D strength and cutting-edge technology advantages, and has launched three intelligent disinfection robots, Ai Xiaobai medical compound disinfection robot, Ai Xiaobai medical atomization disinfection robot and Ai Xiaobai medical UV disinfection robot, which are used in many hospitals, airports, schools and other public places to reduce the burden of staff and guard public health.



NATIONAL POLICY

On March 15, 2021, the National Health Commission issued the "hospital wisdom management grading assessment standard system (for trial implementation)", requiring the strengthening of hospital disinfection wisdom linkage management

On August 4, 2021, the joint prevention and control mechanism of the State Council held a teleconference in Beijing, where Sun Chunlan, member of the Political Bureau of the CPC Central Committee and Vice Premier of the State Council, emphasized the importance of "prevention and control of hospital-acquired infections" and instructed the organization to carry out special investigation and control of hospital-acquired infections nationwide, and to rectify those that do not meet the requirements of prevention and control of hospital-acquired infections in a timely manner, and to resolutely shut down those that do not meet the requirements of rectification.

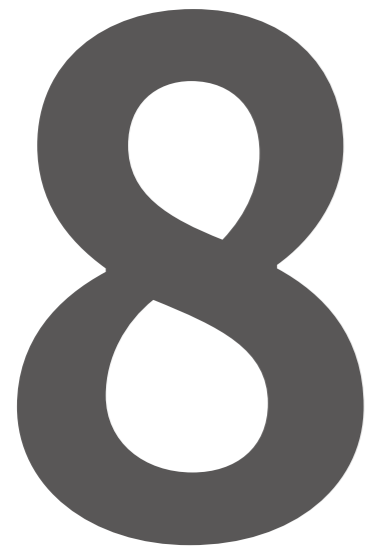
On August 16, 2021, the National Health Commission issued the "Notice on Further Improving the Work Mechanism of Infection Prevention and Control in Medical Institutions", which once again requires further strengthening of infection prevention and control in medical institutions, as well as the establishment of "four mechanisms" for infection control in medical institutions.



TECHNOLOG YINTRODUCTION

PARAMETER CONFIGURATION

Dimension	Diameter 530mm, Height 1400mm	Working time	4.5H
Navigation method	Laser + Vision	Movement speed	0.3m/s
Liquid storage chamber	16L	Atomization volume	2.6L/H
Atomized particles	≤10μm	Barrier crossing capacity	≤10mm
Climbing angle	≤8°	Networking method	4G或wifi



PARAMETER CONFIGURATION

 360° elimination without dead ends	 wifi/4G/5G Diversified communication technology	 Automatic charging	 Sensory control platform data sharing
 Door control / Lift control system	 One-piece surround arrangement	 Human-computer interaction system	 Multiple modes of efficient sterilization

APPLICATION SCENARIOS

MEDICAL DISINFECTION ROBOT SERIES

APPLICATION DEPARTMENT	TYPE OF TRANSPORTED MATERIAL	EFFECTS
Medical sterilization robot (compound type)	Operating room, hemodialysis room, laboratory, stomatology, isolation ward, ICU, Fever outpatient clinic, CT examination room, office, nurse's desk, etc.	Object surface disinfection
Medical fogging disinfection robot		Air disinfection
Medical UV disinfection robot		



ONE-STOP SERVICE



4

4 CORE ADVANTAGES TO LEAD THE INDUSTRY DEVELOPMENT

R&D, planning, construction, operation and maintenance, one-stop service



R&D

Cooperate with foreign R&D team + domestic technology R&D organization + hospitals to develop the most suitable Hospital logistics, warehousing, environmental robots

DESIGN

Provide a full range of intelligent robotic solutions customized for hospitals, providing efficient analysis and simulation

CONSTRUCTION

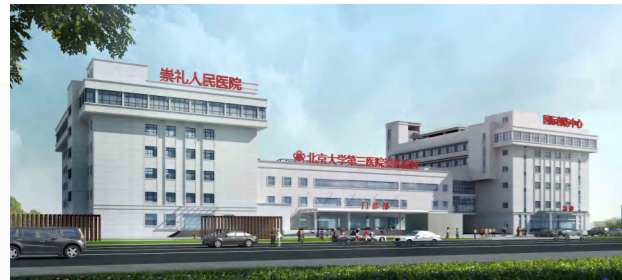
Professional construction team, rich project site experience, safe, efficient and reliable

O&M

7*24 hours after-sales service to ensure the safe operation of the system

PERFORMANCE LIST (PART)

PRODUCT CASES COVER MORE THAN 300 DOMESTIC AND INTERNATIONAL CASES



Chongli Hospital of Beijing Medical University



Gansu Provincial Maternal and Child Health Hospital



Tongji Hospital, Tongji University



Zhejiang Campus of the First Affiliated Hospital of Zhejiang University



Yulin City Hospital of Traditional Chinese Medicine



Longhua Hospital of Shanghai University of Traditional Chinese Medicine



Lanzhou Maternal and Child Health Hospital



Guangzhou Longcheng International Rehabilitation Hospital



Peking Union Medical College Hospital



Shanghai Dermatology Hospital



Kunshan East Medical Center



Huashan Hospital of Fudan University



Shaoxing Yuecheng District People's Hospital



Suzhou Wuzhong People's Hospital



Jiaying Hospital of Traditional Chinese Medicine



The First Affiliated Hospital of Bengbu Medical College