

过氧化氢消毒机器

产品名称	过氧化氢消毒机器
公司名称	河北贯博智能科技有限公司
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产品详情

应用场景

Application scenario

学校、医院、酒店、机场、高铁站、商场等公共场合。

Schools, hospitals, hotels, airports, high-speed railway stations, shopping malls and other public places.

功能概述Function overview

巡逻消毒.....

Patrol disinfection

如果需要定制场景功能步骤

If you need to customize the scene function steps

- 1、提供场景需求。 . Provide scenario requirements.
- 2、咨询能否开发此功能。 Ask if you can develop this feature
- 3、咨询开发周期。 Consulting development cycle
- 4、咨询开发费用。 Consulting development costs

5、签订定做协议。 Sign a customized agreement

6、验收产品功能。 . Acceptance of product functions.

三、主要功能

序号

功能function

内容content

1

固定路线行走Fixed route walking

机器人可以按照设定路线无轨行走，可以选择性循环行走。

The robot can walk tracklessly according to the set route and can walk selectively in cycles.

2

消毒功能Disinfection function

行走过程中可以启动喷雾消毒。

Spray disinfection can be started during walking.

3

自动充电Automatic charging

工作完成了或者没电了可以自己回去充电。

When the work is finished or there is no electricity, you can go back and recharge yourself.

4

语音播报

Voice Announcements

行走不同位置可以设置语音提示的播报内容。

When walking to different positions, you can set the broadcast content of voice prompt.

自主避障Autonomous obstacle avoidance

遇到障碍物可以停下来，或者绕开继续行走。

When encountering obstacles, you can stop or bypass and continue walking.

注：以上功能适当搭配使用，效果更佳。

The above functions can be used together for better effect.

四、技术参数

操作系统

operating system

安卓6.0操作系统为开发平台

Android 6.0 operating system as the development platform

外观设计

Appearance design

外观精美，线条流，做工精致，整体具有鲜明的科技感

The appearance is exquisite, the lines are flowing, the workmanship is exquisite, and the whole has a distinct sense of science and technology

人形外表，壳体光泽度好，亲切大的面部表情

Human appearance, good shell gloss and friendly facial expression

机器人无尖锐的金属部件裸露，机身外壳和可操作部分无锋利边角，关节牢固，外表紧密，不易顺坏。

The robot has no exposed sharp metal parts, the body shell and operable parts have no sharp edges and corners, the joints are firm, the appearance is tight, and it is not easy to be damaged.

高度在130cm,体重60kg，底盘直径53cm。

The height is 130cm, the weight is 60kg, and the chassis diameter is 53cm.

下身运动性能

Lower body performance

可以行走，转圈，可以急停。

You can walk, turn, and stop.

可以自动充电，也可以手动充电。

It can be charged automatically or manually.

配套防滑橡胶轮，不打滑。

It is equipped with anti-skid rubber wheels without slipping.

可以自主导航行走，自主规划路线，自动生成平面地图。

It can navigate and walk independently, plan routes independently, and automatically generate plane maps.

可以设置虚拟路线，用于固定路线行走。

Virtual route can be set for fixed route walking.

激光雷达导航，激光探测距离25m,精度2cm，防阳光干扰，可以自主规划路线也可以建立虚拟路线，在避障前提下可以绕开障碍物。

Lidar navigation, with laser detection distance of 25m, accuracy of 2cm, anti sunlight interference, can independently plan routes or establish virtual routes, and can bypass obstacles on the premise of avoiding obstacles.

导航运动速度在0~1m/s可以调节。

The navigation speed can be adjusted within 0 ~ 1m / s.

遥控器控制行走速度在0.4~1m/s可以调节。

The traveling speed controlled by the remote controller can be adjusted at 0.4 ~ 1m / s

激光雷达扫描角度：360度无死角。

Lidar scanning angle: 360 degrees, no dead angle.

消毒功能

Disinfection function

喷雾试消毒，喷雾方向可调节，可以做到60度角到180度角范围。

Spray test disinfection, spray direction can be adjusted, can achieve 60 degrees to 180 degrees angle range.

消毒液容量30L。

The volume of disinfectant is 30L.

喷雾距离2~6m。

Spray distance 2~6m.

人工加消毒液。

Add disinfectant manually

避障

Obstacle avoidance

超声波避障，有5~7个超声波（看结构而定），超声波有效距离1.5m.

Ultrasonic obstacle avoidance: there are 5 ~ 7 ultrasonic waves (depending on the structure), and the effective distance of ultrasonic wave is 1.5m

激光避障，并且可以绕开障碍物，避障距离可以设置。

Laser obstacle avoidance, and can bypass obstacles, and the obstacle avoidance distance can be set

超声和激光完全融合一体，避障反应速度灵敏，可在0.1S有触发信号。

Ultrasound and laser are fully integrated, obstacle avoidance reaction speed is sensitive, and trigger signal can be provided in 0.1s

机器人下身底部有4个红外光电传感器环状安装。

Four infrared photoelectric sensors are installed in a ring at the bottom of the robot's lower body

机器人下身有防撞条，轻碰障碍物后会后退并且绕开。

The robot has an anti-collision strip on its lower body. It will retreat and bypass after gently touching an obstacle.

语音播放

Voice playback

到餐桌后播放菜品名称是文字语音合成（可以中、英文）。

When you arrive at the table, the name of the dish is text speech synthesis (Chinese and English).

到餐桌后播放自定义语音是MP3文件，遇到障碍物播放语音是MP3文件（可以任意国家语言）。

Playing custom voice after the dinner table is an MP3 file, and playing voice when encountering obstacles is an MP3 file (any national language can be used).

显示器

monitor

11寸十点触摸全角屏幕，亮度大于250cd/m²,屏幕比例16:9。

分辨率：1920*1080 FULLHD。

11 inch ten point touch full angle screen with brightness greater than 250cd / m² and screen ratio of 16:9. Resolution: 1920 * 1080 Fullhd.

显示尺寸：22x14 cm。

Display size: 22x14 cm.

电脑配置

Computer configuration

2G运行内存，8G储存内存（接内存卡可以扩展）。

2G operation memory and 8g storage memory (connected to the memory card can be expanded).

独立USB口，独立网口，独立音频口，独立麦克风口。

Independent USB port, independent network port, independent audio port and independent microphone outlet.

可以wafi上网，可以连4G卡，有蓝牙模块。

You can surf the Internet with Wafi, connect to 4G card and have Bluetooth module.

续航能力

Endurance capability

24V20AH聚合物锂电池，可防水，充满可以用9小时。

24v20ah polymer lithium battery, waterproof, can be filled for 9 hours.

充电：慢充6小时充满（推荐使用，因为对电池损耗不大），快充2~3小时充满（不推荐，因为对电池损耗大）。

Charging: slow charging for 6 hours (recommended because of small battery loss), fast charging for 2 ~ 3 hours (not recommended because of large battery loss).

带电量显示模块。

Electric quantity display module.

电量低时候可以自己回去充电。

When the battery is low, you can go back and charge it yourself.

软件功能

software function

可以远程升级，图形化的用户使用界面。

It can be upgraded remotely and has a graphical user interface.

可以语音对话模式打开业务查询平台。

You can open the service query platform in voice dialogue mode.

材料

Material Science

塑料+玻璃纤维+亚克力+金属铁板。

Plastic + glass fiber + acrylic + metal iron plate.

表面工艺

Surface technology

喷漆。Painting.