



SHENZHEN ZHILAI SCI AND TECH CO., LTD.



## Intelligent Book Vending Machine

An innovative book retail device that integrates automation technology, intelligent interaction systems, and Internet of Things (IoT) functionality. It aims to provide users with a convenient and efficient book purchasing service, achieving fully automated operations from book selection to transaction completion and book retrieval.



### Business Challenges



#### Significant Market Entry Barriers

1. Complex preparatory processes
2. High fixed-cost investment



#### Long Investment Return Cycle

1. Limited by the temporal service restrictions of physical locations
2. Making the single-store profitability model fragile



#### High Operational Control Complexity

1. Low inventory counting efficiency
2. Difficult revenue accounting

### “ Solution ”

Zhilai has launched an intelligent book vending machine solution that reshapes the traditional book retail model through "cultural services digitization + fragmented reading scenarios," addressing issues such as limited physical bookstore space, low inventory turnover, and single user reach. The solution supports 24-hour self-service and remote inventory management, taking a "sales-borrowing-sharing" hybrid model to enhance book turnover efficiency and promote the upgrading of the paper reading ecosystem to a smarter and more inclusive direction.

### Product Features

- Cost-effective Unmanned Retail: Reduces costs effectively
- Convenient Self-Purchase: Easy for users to purchase independently
- Supports Multiple Book Specifications: Sells a variety of book sizes
- Out-of-Stock Restocking Alerts: Provides alerts for stock replenishment
- Smart operating data analysis
- Smart Security Alerts: Offers anti-theft warning systems
- 24/7 Operation: Continuous service without interruption
- Flexible Deployment: Ready to sell as soon as electricity is connected
- Multiple Payment Methods Supported: Offers diverse payment options
- ERP Inventory Management: Smart management of stock in, stock out, and inventory
- Durable Materials: Built to last and endure
- Brand Accessories & After-Sales Service: Provides thoughtful customer support

### Product Specification

Dimensions (L*D *H):	1118 * 760 * 1850mm
Conveyor Type:	Spring conveyor
Conveyor Quantity:	5 layers, total of 22 conveyors
Rated Voltage:	110V/50Hz
Rated Power:	80W
Operating Temperature:	-10°C ~ 40°C (indoor)

### Application Scenarios



Library



Campus



Community center

### Cooperation Cases



Intelligent Book Vending Machine

### Product Customization;Quality Assurance

Customized appearance and functions

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