



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℃ ~ 40℃ (indoor)

Application Scenarios



Library



Campus



Community center

Cooperation Cases



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