



Make Enterprise Material Management Simpler, Smarter, and More Efficient



Product Specification

Smart Grid Cabinet: ZSC-L01

Product Image



Product Overview

The Smart Grid Cabinet (ZSC-L01) is an intelligent device launched by Zebra Information for enterprise employee item borrowing/returning, administrative asset management, and other scenarios. It helps enterprises solve the following management pain points:

- (1) Traditional cabinets cannot share space, and individual allocation wastes space
- (2) Single access method, unable to achieve item exchange function
- (3) Standalone operation, data cannot be viewed in real-time

Smart Storage Cabinet (ZSC-L01) integrates face recognition, IoT, big data analysis and other technologies. Users only need three simple steps to complete item storage, collection, and borrowing/returning operations. Compared with traditional storage cabinets, it enhances interaction and functionality.

Smart Grid Cabinet combined with our equipment management platform can provide precise statistical analysis, real-time item storage, collection, and exchange details, statistical reports, and other information, helping enterprises improve operational and management efficiency.

Product Features

- Self-service Access: Provides 7×24 -hour uninterrupted operation, enabling employees to self-access and operate.
- Item Management: Item collection, borrowing/returning, exchange, temporary storage, delivery, and efficient enterprise asset management.
- Asset Management: Asset collection and return, achieving asset management.
- Consumables Management: Production materials and consumables self-service collection.
- Single Cell Control: Each cell supports individual control with clear permission division.
- Customization: Supports customizing the number and size of cells according to actual scenario needs.

IV. Product Parameters

Main Specifications	
Product Model	ZSC-L01
Operating System	Android 11
CPU	Quad-core 64-bit Cortex-A55, Max Frequency 2.0GHz
Industrial Control Config	RK3568
Memory	2G
Capacity	16G
Overall Dimensions	Control Cabinet: 1980×400×450mm±5mm; Storage Cabinet: 1980×660×450mm±5mm;
Cabinet Material	1.2mm Cold-rolled Steel Plate
Screen	21.5-inch Capacitive Touch Screen Resolution 1920×1080, Aspect Ratio 16:9
Capacity	Depends on the number of sub-cabinets
Electronic Control Lock	Independent electronic control lock, unlocking <1 second, service life over 1 million times.
Communication Interface	WIFI, RJ-45, 4G (Optional)
Working Environment Requirements	Temperature -20° C ~ 60° C
Fixed/Mobile Mode	Universal Wheels
Card Reader (Optional)	Working Frequency: 13.56MHz, Reading Distance 0-30mm
QR Code Reader	Reading Accuracy ≥7mil Effectively recognizes screen codes, paper codes, and plastic codes on various media
Power Requirements	Single-phase AC 220V, 50~60Hz

Attachment: Sub-cabinet Cell Dimensions

