



Make Enterprise Material Management Simpler, Smarter, and More Efficient



Product Specification

Smart Grid Cabinet: ZSC-L33

Product Image



Product Overview

Grid Smart Cabinet (ZSC-L33) is an intelligent device launched by Zebra Information for enterprise office consumables, production consumables, and other scenarios. It helps enterprises solve the following management pain points:

- (1) Solves non-standard consumables management leading to over-collection
- (2) Solves the need for dedicated personnel to manage and distribute consumables
- (3) Solves serious issues of item loss, damage, and waste
- (4) Solves inability to accurately track item usage, making cost control difficult

Grid Smart Cabinet (ZSC-L33) integrates face recognition, IoT, big data analysis and other technologies. Users only need three simple steps to complete the collection of consumables. Compared with the cumbersome traditional consumables collection procedures, it greatly improves user collection efficiency.

Grid Smart Cabinet linked with our equipment management platform can provide precise statistical analysis, real-time on-shelf consumables, collection details, statistical reports, and other information, helping enterprise personnel to be freed from the tedious process of consumables distribution, registration, and inventory counting.

Product Features

- Item Management: Item collection, borrowing/returning, exchange, temporary storage, delivery, and efficient enterprise asset management.
- Single Cell Control: Each cell supports individual control to avoid over-collection.
- Customization: Supports customizing the number and size of cells according to actual scenario needs.
- Light Box: Supports customizing light boxes according to actual scenario needs.
- Free Expansion: Can achieve one main + N sub-cabinets combination to expand item capacity.
- Self-service Collection: Provides 7×24 -hour uninterrupted operation, enabling employees to self-collect consumables.
- Reduce Material Consumption: Custom employee quotas or single-item quota limits to achieve controlled collection limits.
- Reduce Inventory Occupation: Inventory warning function, automatic replenishment reminders, no need for periodic counting or large stockpiling.

Product Parameters

Main Specifications	
Product Model	ZSC-L33
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 (H×W×D)	1950×1200×500mm±5mm (without light box and decoration)
Cabinet Material	1.2mm Cold-rolled Steel Plate
Screen	10-inch Capacitive Touch Screen, Resolution 1280×800
Capacity	Main Cabinet: 33 cells, Sub-cabinet: 36 cells
Storage Cell Dimensions	180×260×480mm±2mm (H×W×D);
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
Face Camera (Optional)	Binocular Liveness Detection, Supports RGB+IR
QR Code Reader	Reading Accuracy ≥7mil, Can recognize screen codes, paper codes, and plastic codes
Power Requirements	Single-phase AC 220V, 50~60Hz