



Make Enterprise Material Management Simpler, Smarter, and More Efficient



# Product Specification

Weighing Smart Cabinet: ZSC-WL8



Make Enterprise Material Management Simpler, Smarter, and More Efficient

## Product Image



## Product Overview

Weighing Smart Cabinet ( ZSC-WL8 ) is an intelligent cabinet launched by Zebra Information for managing enterprise office supplies, production consumables, fasteners, and other materials. It helps enterprises solve the following management pain points:

- (1) Solves manual registration and distribution with low efficiency and high error rates
- (2) Solves inability to monitor inventory in real-time, leading to overstocking or shortages
- (3) Solves serious issues of item loss, damage, and waste
- (4) Solves inability to accurately track item usage, making cost control difficult.

Weighing Smart Cabinet ( ZSC-WL8 ) integrates gravity sensing technology, face recognition, IoT, big data analysis and other technologies. Users only need three simple steps to complete the collection of office supplies and consumables. Compared with the cumbersome traditional management collection procedures, the smart material cabinet greatly improves user collection efficiency.

Weighing Smart Cabinet ( ZSC-WL8 ) combined with our intelligent material management platform can provide precise statistical analysis, real-time inventory visibility, collection details, out-of-stock alerts, statistical reports, and other information, helping enterprise management personnel to be freed from the tedious process of material registration, warehousing, distribution, and inventory counting.

## Product Features

- Self-service Collection: Provides  $7 \times 24$ -hour uninterrupted operation, enabling employees to self-collect stationery.
- Reduce Material Consumption: Custom employee quotas or single-item quota limits to achieve controlled collection.
- Multi-zone Permission: Multiple independent zones with independent electronic control locks, dividing personnel permissions for strict collection control.
- Reduce Inventory Occupation: Inventory warning function, automatic replenishment reminders, no need for periodic counting or large stockpiling.
- Improve Work Efficiency: Eliminates cumbersome approval processes for material collection, self-service collection with automatic record generation.

## Product Parameters

| Main Specifications               |                                                                                                                                        |
|-----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------|
| Product Model                     | ZSC-WL8                                                                                                                                |
| 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)        | 2000×1420×450mm±5mm (without light box)                                                                                                |
| Cabinet Material                  | 1.2mm Cold-rolled Steel Plate                                                                                                          |
| Screen                            | 21.5-inch Capacitive Touch Screen<br>Resolution 1920×1080, Aspect Ratio 16:9                                                           |
| Capacity                          | Main Cabinet: 8 independent cells, 3 bins/cell, 24 weighing bins;<br>Sub-cabinet: 10 independent cells, 3 bins/cell, 30 weighing bins; |
| Recognition Type                  | Gravity Recognition                                                                                                                    |
| Bin Dimensions and Weighing Range | 180×370×123mm (W×D×H);<br>Max Weighing 10Kg, Precision 1g;                                                                             |
| Electronic Control Lock           | Independent electronic control lock, unlocking <1 second, service life over 1 million times.                                           |
| Light Box (Optional)              | Supports light box, replaceable light box advertising                                                                                  |
| Communication Interface           | WIFI, RJ-45, 4G (Optional)                                                                                                             |
| Working Environment Requirements  | Temperature -20° C ~ 60° C                                                                                                             |
| Fixed/Mobile Mode                 | Universal Wheels                                                                                                                       |
| Card Reader (Optional)            | IC Card/ID Card, Reading Distance 0-30mm                                                                                               |
| Face Camera (Optional)            | Binocular Liveness Detection, Supports RGB+IR                                                                                          |
| QR Code Reader                    | Reading Accuracy ≥7mil<br>Effectively recognizes screen codes, paper codes, and plastic codes on various media                         |
| Power Requirements                | Single-phase AC 220V, 50~60Hz                                                                                                          |