



Make Enterprise Material Management Simpler, Smarter, and More Efficient



Product Specification

Smart Weighing Cabinet: ZSC-W04
(15.6-inch Weighing New Version)

Product Image



Product Overview

Smart Weighing Cabinet (ZSC-W04) is an intelligent cabinet launched by Zebra Information for managing enterprise office supplies, production materials, medical consumables, etc. 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.

Smart Weighing Cabinet (ZSC-W04) integrates gravity sensing technology, 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 collection procedures, it greatly improves user collection efficiency.

Smart Weighing Cabinet (ZSC-W04) combined with our office supplies management platform can provide precise statistical analysis, real-time inventory visibility, collection details, out-of-stock alerts, statistical reports and other information, helping enterprise administrative staff to be freed from the tedious process of consumables, materials, and supplies distribution, registration, and inventory counting.

Product Features

- Self-service Collection: Provides 7×24 -hour uninterrupted operation, enabling employees to self-collect stationery.
- Reduce Material Consumption: Custom employee quotas or single-item quota limits to achieve controlled collection.
- 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.
- Video Camera: The top of the cabinet is equipped with a 4-megapixel HD camera, supporting door opening-triggered shooting linked to door opening information;
- Supports motion detection shooting with infrared night working mode; View video recordings through the smart cabinet front-end and management backend.

Product Parameters

Main Specifications	
Product Model	ZSC-W04
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	1970×1000×550mm±5mm (H×W×D), without light box
Cabinet Material	1.2mm Cold-rolled Steel Plate
Screen	15.6-inch Capacitive Touch Screen, Resolution 1920×1080, Aspect Ratio 16:9
Capacity	Standard Combination: Large Bins×3, Medium Bins×20, Small Bins×10, adjustable
Layers	Default 6 layers, adjustable according to actual needs
Material Box Dimensions	(Large) 280×370×400mm (W×D×H) Max Weighing: 40KG, Precision 1g (Medium) 180×370×200mm (W×D×H) Max Weighing: 10KG, Precision 1g (Small) 85×370×200mm (W×D×H) 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
Video Monitoring	1080P 24-hour motion detection, Ultra HD CMOS6, 2.5K, 4MP



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(Optional)	Infrared fill light, 850nm infrared wavelength, enhanced night recognition
Communication Interface	WIFI, RJ-45, 4G (Optional)
Working Environment Requirements	Temperature -20° C ~ 60° C
Fixed/Mobile Mode	Fuma 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 $\geq 7\text{mil}$, Effectively recognizes screen codes, paper codes, and plastic codes on various media
Power Requirements	Single-phase AC 220V, 50~60Hz