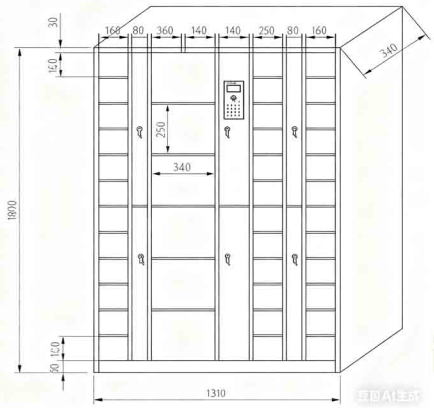
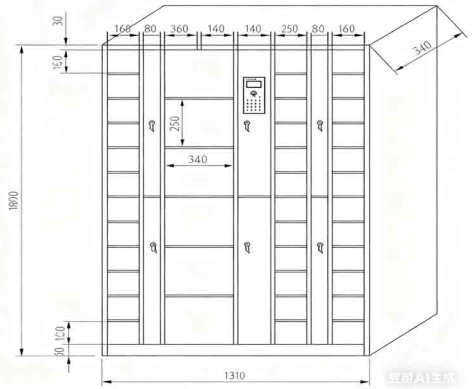
Technical Data sheet

Smart Locker





◆ Product Description

The Intelligent Storage Locker is a modern storage device that integrates the functions of "multi-modal unlocking, remote management and control, data traceability, and safety early warning". It adopts high-strength materials and an intelligent control system, enabling full-process management and control of items covering "convenient storage - accurate management - safe traceability".

- Multi-modal Unlocking and Hierarchical Permission Management & Control System
- Cloud-Linked Remote Management and Data Traceability
- Full-Dimensional Safety Protection and Emergency Support
- Humanized Interaction and Scenario-Based Adaptation Design
- Modular Structure and Scalable Functions

◆ Typical Product Data and Physical Properties

Cabinet Material: Cold-Rolled Steel
Product Dimensions: H 1890mm × W 1310mm × D 360mm
Compartment Dimensions: L 360mm × W 160mm × H 140mm
Number of Compartments: 42 Compartments / 60 Compartments
Power Supply: AC 220V / 50Hz
Standby Power Consumption: ≤ 5W
Operating Power Consumption: ≤ 20W
Communication Method: WiFi (802.11b/g/n) + Bluetooth 5.0

◆ Product Structure

- The intelligent storage locker is made of cold-rolled steel, with its core being an MES linkage structure: the MES sends commands to open the corresponding cabinet door and senses the door-closing feedback. Administrators can put items in using passwords or fingerprints, while employees need to apply for item collection in the MES; it is additionally equipped with an emergency mechanical lock. In terms of details, each compartment is equipped with an anti-slip mat and can be fitted with additional partitions; cabinet doors have built-in handles, with LED indicators on the outer side and an LCD screen on the top. On the electrical side, it includes an IP54-protected electrical box, hidden wire troughs, and a heat dissipation design.

◆ Typical Applications

The intelligent storage locker is suitable for storing small components such as resistors and chips in electronic SMT workshops: administrators put items in using passwords or fingerprints; after employees apply for material collection in the MES, the system opens the door, and once the door is closed, it feeds back and deducts inventory. In medical device component workshops, its sealed and easy-to-clean features meet cleanliness requirements; at the same time, it realizes full-process traceability of collection through the MES to meet compliance requirements.

Availability:

Item#	Size	compartment	Weight
1.4.12.00.0049	H1890MM*W1310MM*D360MM	42	100kg
1.4.12.00.0050	H1890MM*W1310MM*D360MM	60	100kg

◆ Technical and Application Assistance

HORB provides a technical hotline to answer your technical and application related questions.

◆ Note:

This information is believed to be accurate. It is intended for professional end users having the skills to evaluate and use the data properly. HORB data for reference only.