

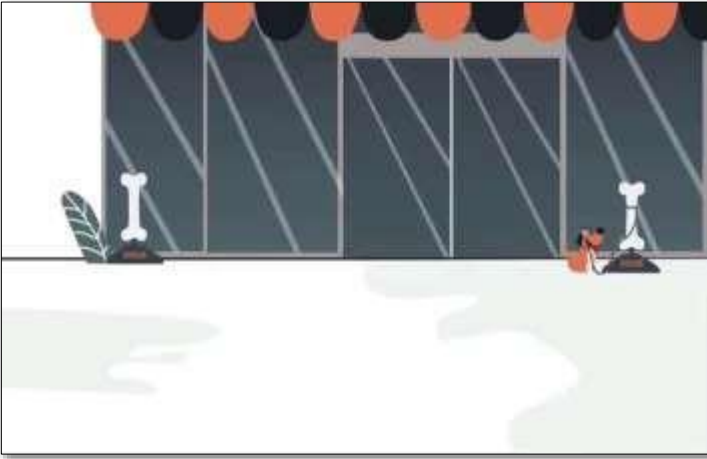
Cloudpick Bright Vision
Unmanned Smart Warehouse

Your Special  ***Warehouse***

Cloudpick 

AI Smart Warehouse | Grab-and-Go, Seamless Service

Seamless Experience



① Entry via **card** or **face ID**



② Turnstile **auto-opens** for entry



③ **Pick** and place items freely



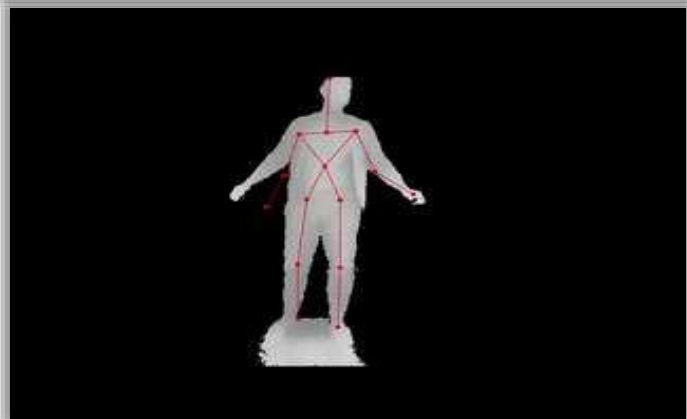
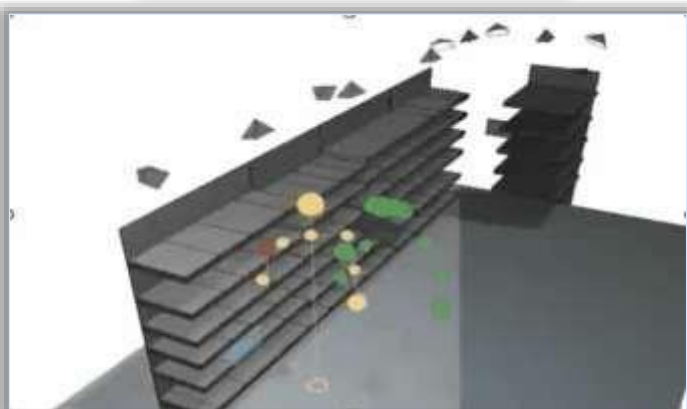
④ Walk out, **auto-checkout** (person-item bound)



AI Smart Warehouse | Core Tech Enhance Business



3D Machine Vision



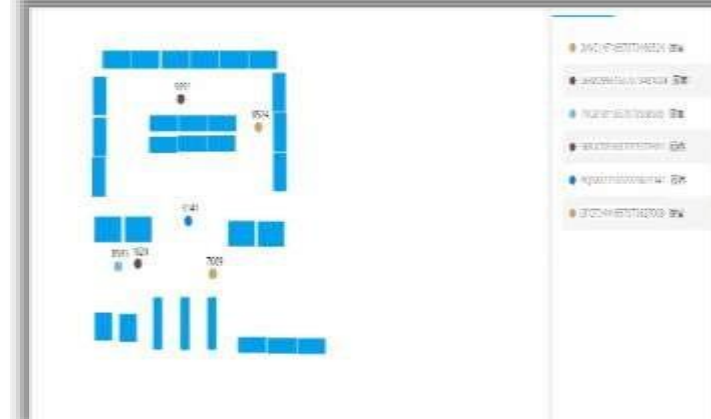
Recognizes human posture without facial recognition. Tracks customer actions, postures, and paths from entry to exit, including time spent observing shelves.

Product Feature Extraction



Digitizes products by creating models and capturing unique attributes. Uses proprietary AI learning devices to model and extract features for new products upon first entry, completed within 24h.

Full-Path Tracking



Tracks complete in-store movement. Proprietary AI algorithms ensure precise tracking of all customer movements and pick-and-put actions.

AI Smart Warehouse | Solution - Hardware



① Expanded Heavy-Duty Storage Racks



③ Product Learning Machine



② Small-size Storage Shelves (Industrial-Grade)



④ Smart AI Cameras



⑤ Server Units



⑥ Two-way Turnstiles

AI Smart Warehouse | Digital Modeling of Items

01 Easy Operation

Voice guidance, complete SKU data collection
in 30 seconds.

02 Efficient Collection

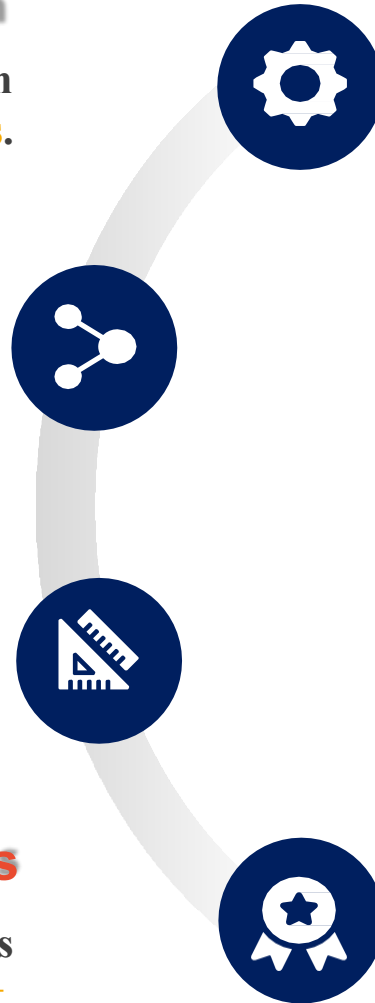
Two sets of cameras and multiple sensors
working simultaneously
capture 3D, image, and weight data all at once.

03 Auto Modeling

Local pre-processing with automatic cloud
upload for multidimensional data models.

04 Mass SKUs

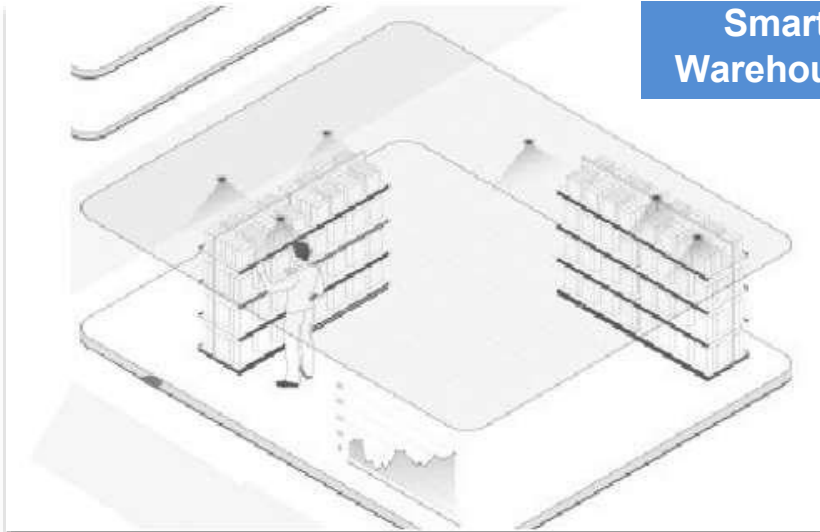
Supports mass SKUs, with over 300 new items
learned weekly at zero learning cost.



AI Smart Warehouse | Solution - Software



Smart Warehouse



Backend Data



01 Digital Automation

① Automated material collection

Entry via facial recognition/QR code, eliminating manual registration and reducing repetitive tasks.

② Automated record generation

The system auto-links tools and materials to the responsible staff, minimizing errors.

③ Automated inventory checks

Auto inventory checks through well-connected IoT devices, triggering restock notice when supplies run low, boosting efficiency.

02 Remote Access Anytime



03 Item Location Guidance



Flashing e-tags guide the slots of materials.

AI Smart Warehouse | Order Tracking and Real-Time Inventory

Real Effect Overview



- ① Displays the trajectory of each customer.
- ② Independent real-time tracking for every order.



- ③ Real-time stock quantity visible.
- ④ Real-time inventory checks.

AI Smart Warehouse | Models Overview

M5



M10



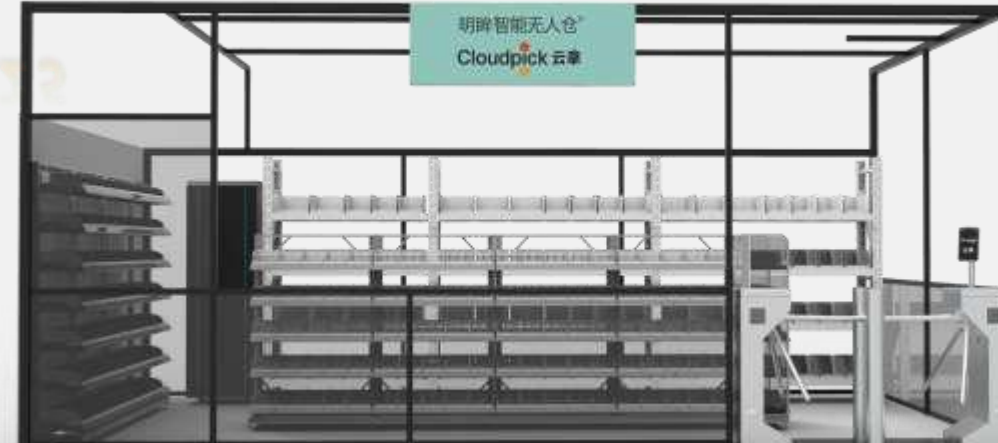
M15



M20



M25



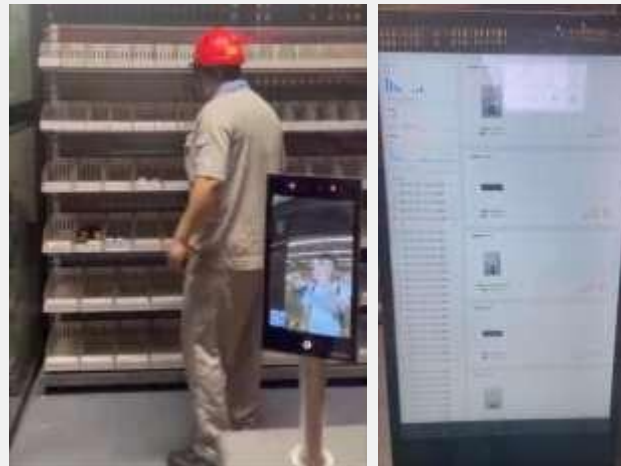
AI Smart Warehouse | Model M5 - Tech Specification



Area	5m²(5.4m²)	
Suggested Scenario	Cutting Tool Warehouse	
SKU SKU=Stock Keeping Unit	144	
Multi-Access	●	
AI Visual Recognition	●	
Gravity-assisted Weight Sensing Recognition	●	
Shelf Type	Standard	Heavy-duty
Shelf Quantity	3	/
900 Smart High Shelves (6 Layers & 8 Slots)	3	
External Frame Dimensions	3000mm * 1800mm * 2800mm (L*W*H)	

AI Smart Warehouse | Model M5 - Real Case Application 1

Zhengzhou Coal Mining Machinery



Henan,
Zhengzhou



128 SKU



Cutting tool &
Toolheads



Factory Line-Side
Warehouse

