



Intelligent Locker Solution

HFSecurity's intelligent locker solution offers digital and customized services to enhance storage security. This smart locker solution is suitable for various scenarios, including factories, supermarkets, and office buildings.

Key Features

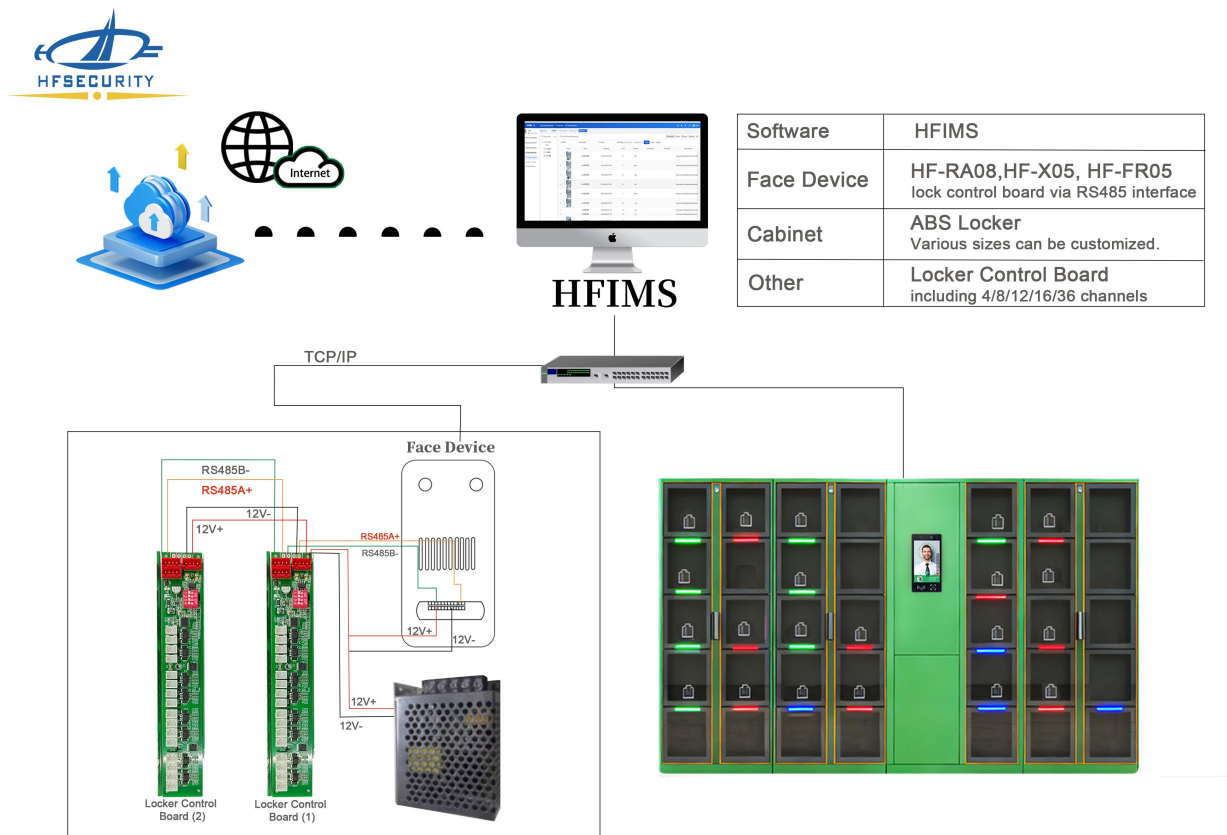
Flexible Specifications: Offers 4/8/12/16/36-channel options and supports customization services;

Convenient and Efficient Expansion: Supports cascading of multiple boards, all with standard plug-in design for easy plug-and-play operation;

Comprehensive Protection Features: Equipped with moisture-resistant design, short-circuit protection, high-quality filtering inductors, and reverse polarity protection;

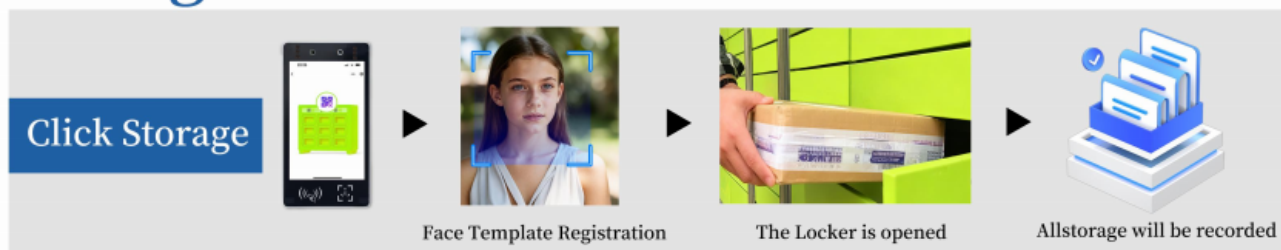
Wide Range of Applications: Suitable for various smart devices such as smart parcel lockers, fresh food lockers, lockers, baggage lockers, vending machines, and facial recognition access control systems;

Comprehensive Service Guarantee: Direct supply from the manufacturer, stable supply, providing customization and integration services, and attentive after-sales support;

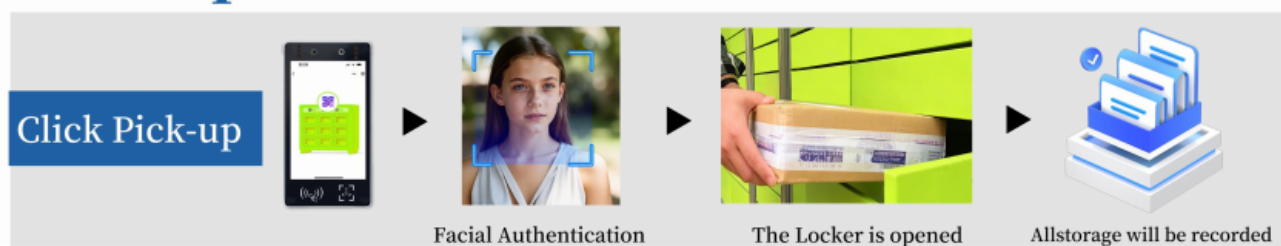


Storage and Pick-up Process

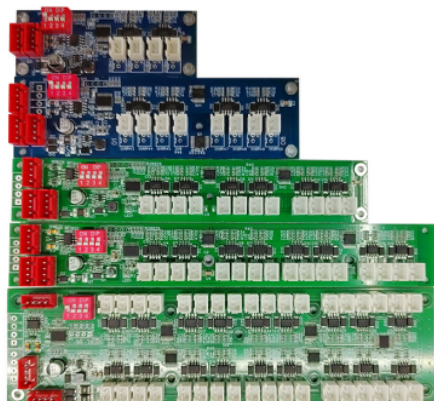
Storage:



Pick-up:



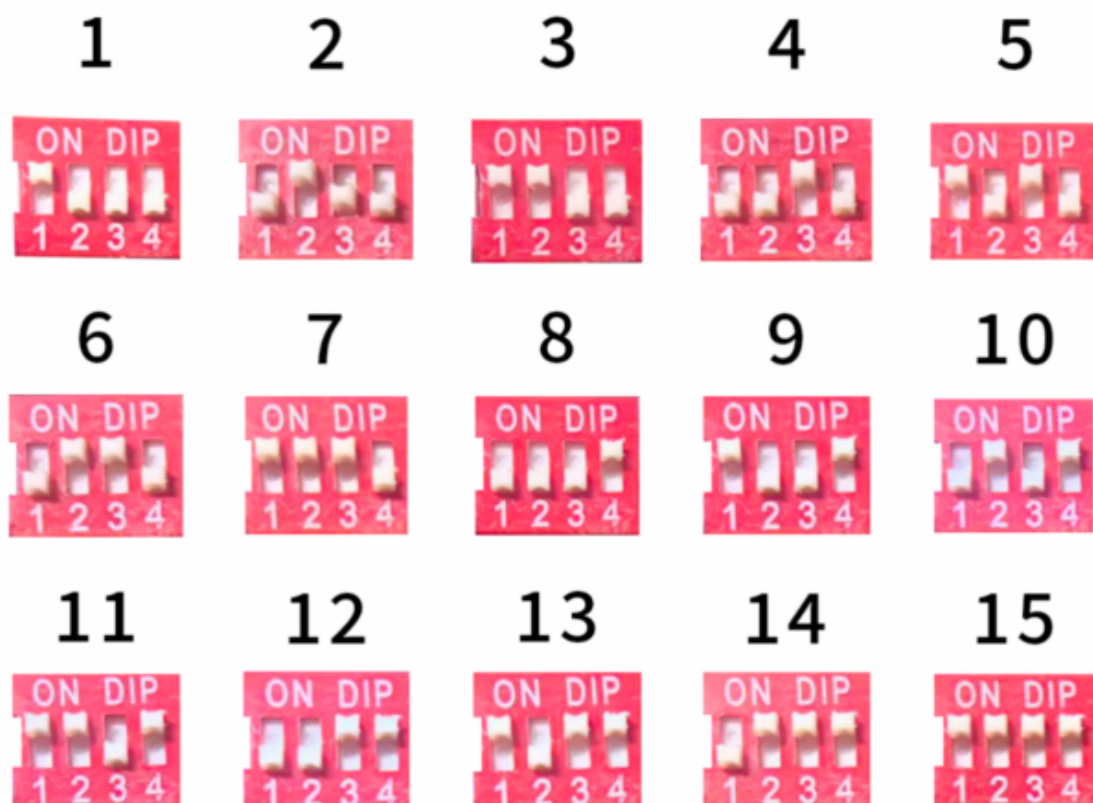
Lock Control Board	
Model	HF-LK01
Specifications	4-channel, 8-channel, 12-channel, 16-channel, 36-channel
Customization Support	Yes
Operating Voltage	12V-24V DC Power Supply
Communication Method	RS485 Communication, TTL Baud Rate Configurable
Connection Method	RS485 Communication Supported
Output Voltage per Lock/Light Terminal	5V or VCC
Controlled Electric Lock Quantity	Multi-board Cascade Supported
Standby Power Consumption	10mA
Short-Circuit Protection Trigger Current	3A
Output Current per Lock/Light Terminal	Max Current: 5A; Short-Time High Current: 2A~5A; Continuous Operating Current: 2A



Address Switch Setting Diagram

It supports up to 15 lock control boards in series connection.

The address sequence setting of the lock control board is shown in the following figure:



Face Recognition

Specification	Details
Dimensions	(W)138mm × (D)22.6mm × (H)274mm
Customization Support	Yes
CPU	Quad-core ARM Cortex-A17, 1.8GHz Clock Speed
Memory	2GB DDR3
Flash	8GB
Pixel Resolution	2MP HD Industrial Lens
Display Size	8-inch IPS Screen
Screen Resolution	1024×768
Face Matching Mode	1:N
Enrollment Speed	< 2 seconds
Recognition Speed	< 1 second

