



Technical Specification for Automatic Cash Handling Machine



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1. Product Overview

The Automatic Cash Handling Machine is a comprehensive solution for cash transactions, supporting both banknote and coin acceptance as well as banknote and coin dispensing for change.

- **Banknote & Coin Acceptance:** Securely receives and verifies various denominations.
- **Change Dispensing:** Dispenses both banknotes and coins for seamless transactions.
- **Automated Cash Management:** Enhances efficiency, reduces human error, and improves transaction speed.
- **Reliable & Secure:** Equipped with advanced authentication and anti-fraud measures. Ideal for self-service terminals, retail, vending machines, and automated payment systems, this machine streamlines cash transactions with speed and accuracy.

Comparison of Automatic Cash Handling Machine with Other Solutions

Features	Our solution
Banknote and coin recycler	Supports 40 mixed banknotes and 1,500+ coins for change, ensuring flexible and efficient cash management for various transaction needs.
Provide REST API	The system features a universal REST API, eliminating the need to interact with hardware-specific interfaces, making integration into existing systems fast and seamless.
Support Online debug Remotely	Our engineers provide online remote debugging support.
Log Export Function	Export logs to USB for remote debugging, a feature not offered by others.
Customization system language	Customize system language and logo to meet your needs.
User-Friendly Design	Easy maintenance with accessible front door, back door, and upper cover for quick machine access
Network Flexibility	Supports WLAN and Ethernet, with DHCP and static IP settings for Ethernet. This avoids manual router IP configuration, simplifying setup and enhancing convenience.

2. Product Images



Key Features

- ◆ **Banknote and Coin Recycler module Parameters:**
 - Supports multiple denominations.
 - Fast recognition and counting.
 - Secure and efficient cash dispensing.
 - High-capacity storage for banknotes and Coin.
- **User Interface:**
 - Touchscreen operation.
 - Multilingual interface support.
- **Connectivity Options:**
 - Wired Ethernet, Wi-Fi, 4G/5G modules optional.

3. Technical Specifications

3.1. Physical Parameters

- **Dimensions:** 42× 42 × 63 CM



- **Weight:** 36.5KG
- **Materials:** Metal casing, anti-corrosion coating.
- **Color:** Black/ White

3.2. Display

- **Type:** LCD TFT • **Resolution:** 1280*800 • **Size:** 10.1 Inch PCAP

3.3. Core Cash Handling Module Parameters

- **Banknote Recycler Module:**
 - 600 Notes Cashbox
 - Recycler Capacity 40 banknotes With Multiple Denomination
 - Full spectral imaging sensors validate the authenticity of notes
 - 99% first time acceptance of new and street grade notes
 - MCBF 100,000
- **Coin Recycler Module:**
 - Combined bulk coin validator, mixed coin hopper & recycle
 - Validates, discriminates and stores mixed coins
 - Market leading coin hopper capacity, fully audited and efficient refills
 - Coin Capacity, 1400 (€1) or 1050 (£1) or 1500 (quarters)
 - Up to 12 coins per second

4.5. Connectivity

- **Networking:** Ethernet, Wi-Fi, optional 4G/5G.

4.6. Power

Input Voltage: 100V-220V

4.7. Environment

- **Operating Temperature:** 0°C to 40°C
- **Operating Humidity:** 20% to 80% RH
- **Protection Level:** IP20



4. Certifications

- Compliance with local and international standards CE, FCC, RoHS.
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5. Software Features

- ◆ **Refill:** The ability to add Cash into the recycler module in the machine.
 - ◆ **Empty:** The ability to empty the cash from recycler to cashbox.
 - ◆ **Password Management:** Functionality to manage and secure administrative passwords.
 - ◆ **Transaction System Statistics Export:** Ability to export transaction data or statistics from the system for reporting or analysis.
 - ◆ **Home Page Icon Customization:** Allowing customization of the icons on the home page of the interface.
 - ◆ **Remote Debugging:** Our engineers provide online remote debugging support. Easily upgrade software via USB with firmware provided by US.
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8. Warranty and Support

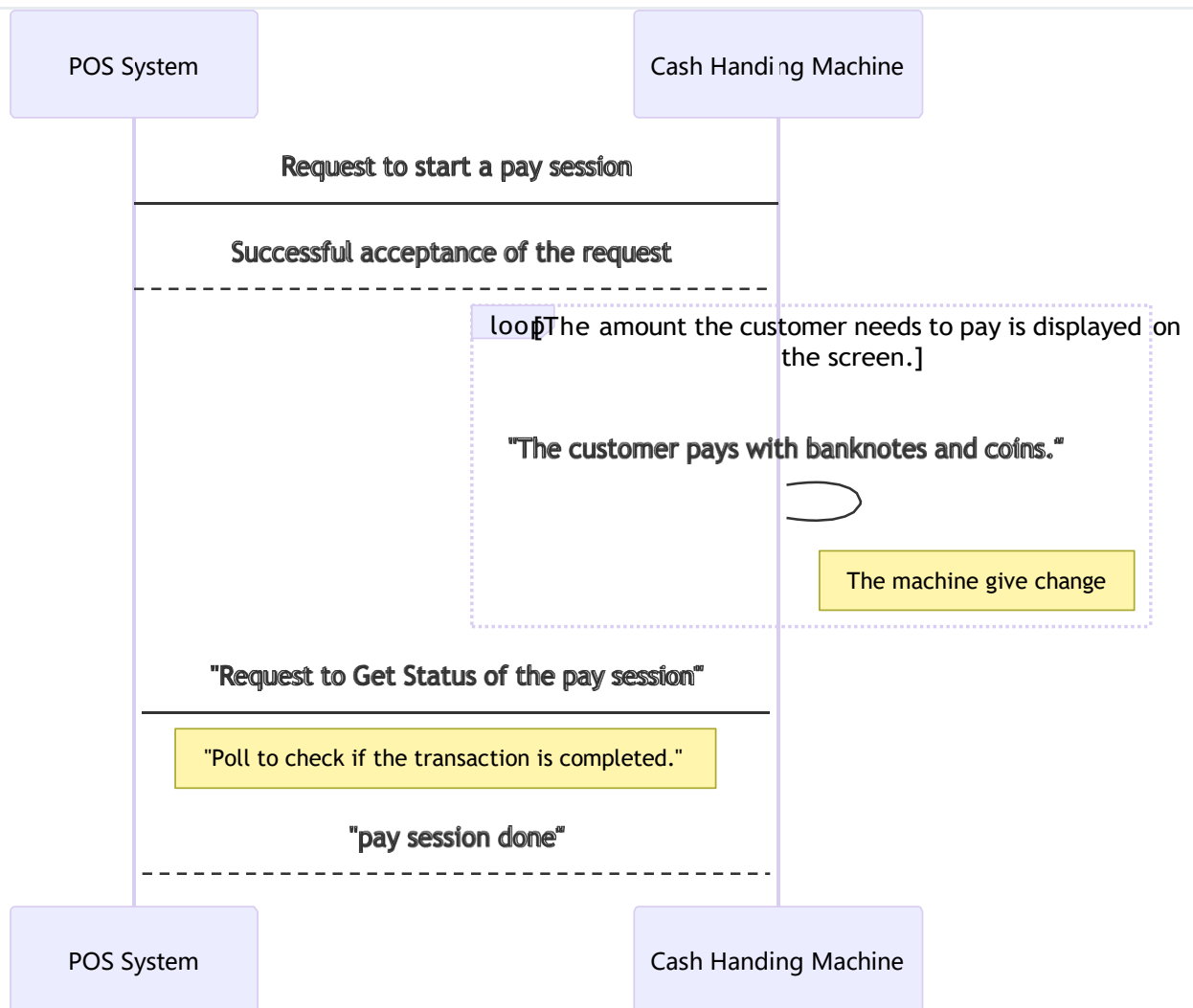
- **Warranty Period:** 1 year.
 - **Support Services:**
 - 24/7 hotline.
 - Remote technical assistance.
 - SDK, User Manual
-

9. Contact Information

- **Manufacturer:** Shenzhen iTouch Kiosk Technology Co., Ltd
- **Sales and Technical Support:**
 - Contact details for inquiries and assistance.
 - Sales Manager: Yuki Rong
 - Email: yuki@itouchkiosk.com

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10. FlowChart to request payment



HTTPS Request : { "request": "PayAmount", "value": 1000 }

HTTPS **Response:**

{ "responseCode": 0, "responseData": "d3ac57bb fa6d-467c-aef4-913e85c1defa" }