



Automatic Payment Machine

User Manual

About this Document

- This Document includes instructions for using and managing the Product. Pictures, charts, images and all other information hereinafter are for description and explanation only.
- The information contained in the Document is subject to change, without notice, due to firmware updates or other reasons. Please find the latest version of the Document at the Hikvision website (<https://www.hikvision.com>). Unless otherwise agreed, Hangzhou Hikvision Digital Technology Co., Ltd. or its affiliates (hereinafter referred to as "Hikvision") makes no warranties, express or implied.
- Please use the Document with the guidance and assistance of professionals trained in supporting the Product.

About this Product

This product can only enjoy the after-sales service support in the country or region where the purchase is made.

Acknowledgment of Intellectual Property Rights

- Hikvision owns the copyrights and/or patents related to the technology embodied in the Products described in this Document, which may include licenses obtained from third parties.
- Any part of the Document, including text, pictures, graphics, etc., belongs to Hikvision. No part of this Document may be excerpted, copied, translated, or modified in whole or in part by any means without written permission.
- **HIKVISION** and other Hikvision's trademarks and logos are the properties of Hikvision in various jurisdictions.
- Other trademarks and logos mentioned are the properties of their respective owners.

LEGAL DISCLAIMER

- TO THE MAXIMUM EXTENT PERMITTED BY APPLICABLE LAW, THIS DOCUMENT AND THE PRODUCT DESCRIBED, WITH ITS HARDWARE, SOFTWARE AND FIRMWARE, ARE PROVIDED "AS IS" AND "WITH ALL FAULTS AND ERRORS". HIKVISION MAKES NO WARRANTIES, EXPRESS OR IMPLIED, INCLUDING WITHOUT LIMITATION, MERCHANTABILITY, SATISFACTORY QUALITY, OR FITNESS FOR A PARTICULAR PURPOSE. THE USE OF THE PRODUCT BY YOU IS AT YOUR OWN RISK. IN NO EVENT WILL HIKVISION BE LIABLE TO YOU FOR ANY SPECIAL, CONSEQUENTIAL, INCIDENTAL, OR INDIRECT DAMAGES, INCLUDING, AMONG OTHERS, DAMAGES FOR LOSS OF BUSINESS PROFITS, BUSINESS INTERRUPTION, OR LOSS OF DATA, CORRUPTION OF SYSTEMS, OR LOSS OF DOCUMENTATION, WHETHER BASED ON BREACH OF CONTRACT, TORT (INCLUDING NEGLIGENCE), PRODUCT LIABILITY, OR OTHERWISE, IN CONNECTION WITH THE USE OF THE PRODUCT, EVEN IF HIKVISION HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES OR LOSS.
- YOU ACKNOWLEDGE THAT THE NATURE OF THE INTERNET PROVIDES FOR INHERENT SECURITY

RISKS, AND HIKVISION SHALL NOT TAKE ANY RESPONSIBILITIES FOR ABNORMAL OPERATION, PRIVACY LEAKAGE OR OTHER DAMAGES RESULTING FROM CYBER-ATTACK, HACKER ATTACK, VIRUS INFECTION, OR OTHER INTERNET SECURITY RISKS; HOWEVER, HIKVISION WILL PROVIDE TIMELY TECHNICAL SUPPORT IF REQUIRED.

- YOU AGREE TO USE THIS PRODUCT IN COMPLIANCE WITH ALL APPLICABLE LAWS, AND YOU ARE SOLELY RESPONSIBLE FOR ENSURING THAT YOUR USE CONFORMS TO THE APPLICABLE LAW. ESPECIALLY, YOU ARE RESPONSIBLE, FOR USING THIS PRODUCT IN A MANNER THAT DOES NOT INFRINGE ON THE RIGHTS OF THIRD PARTIES, INCLUDING WITHOUT LIMITATION, RIGHTS OF PUBLICITY, INTELLECTUAL PROPERTY RIGHTS, OR DATA PROTECTION AND OTHER PRIVACY RIGHTS. YOU SHALL NOT USE THIS PRODUCT FOR ANY PROHIBITED END-USES, INCLUDING THE DEVELOPMENT OR PRODUCTION OF WEAPONS OF MASS DESTRUCTION, THE DEVELOPMENT OR PRODUCTION OF CHEMICAL OR BIOLOGICAL WEAPONS, ANY ACTIVITIES IN THE CONTEXT RELATED TO ANY NUCLEAR EXPLOSIVE OR UNSAFE NUCLEAR FUEL-CYCLE, OR IN SUPPORT OF HUMAN RIGHTS ABUSES.
- IN THE EVENT OF ANY CONFLICTS BETWEEN THIS DOCUMENT AND THE APPLICABLE LAW, THE LATTER PREVAILS.

© Hangzhou Hikvision Digital Technology Co., Ltd. All rights reserved.

Symbol Conventions

The symbols that may be found in this document are defined as follows.

Symbol	Description
 Note	Provides additional information to emphasize or supplement important points of the main text.
 Caution	Indicates a potentially hazardous situation, which if not avoided, could result in equipment damage, data loss, performance degradation, or unexpected results.
 Danger	Indicates a hazard with a high level of risk, which if not avoided, will result in death or serious injury.

TABLE OF CONTENTS

Chapter 1 Overview.....	1
1.1 Introduction.....	1
1.2 Features.....	1
1.3 Operation Process	1
Chapter 2 Activation and Login	2
2.1 Activation.....	2
2.2 Login	2
Chapter 3 System Settings	4
3.1 Set Payment Method.....	4
3.2 Access Platform	4
3.3 Set Device Parameters	5
3.4 Set Local Parameters	6
3.5 Change Password	6
Chapter 4 Count Settings	8
4.1 Set Giving Change.....	8
4.2 View Count Information	8
Chapter 5 Collection Settings.....	10

Chapter 1 Overview

1.1 Introduction

Automatic Payment Machine acts as a smart robot to help to collect parking fees and give change. Machine keepers are allowed to set parking fee collection parameters via Self-Service Payment System. The machine is widely used in garages, parking lots, shopping malls, community centers, etc.

1.2 Features

- Integrates voucher printer, scanner, contactless card reader, bill feeder, coin slot, coin change and other functions; improving charging efficiency.
- Enhances information management efficiency, and is suitable for various charging parking places.
- Equipped with SCN bill and coin modules, achieving up to 99% recognition accuracy.
- Automatically collects parking fees and provides change.
- Supports multiple payment methods, including cash, coupons, POS credit cards and debit cards (if supported by the country).
- Configurable currency types and quantities.
- Supports viewing and counting receipt and change information.

1.3 Operation Process

Install the Self-Service Payment System. Admin can log in to the system and set the relevant parameters.

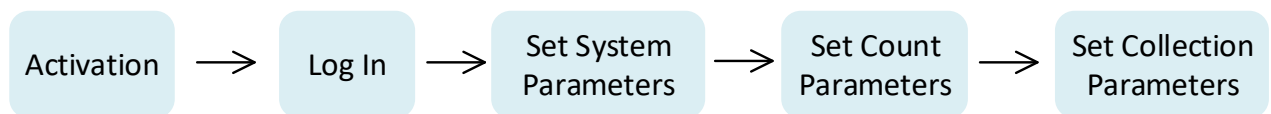


Figure 1-1 Operation Process

Chapter 2 Activation and Login

2.1 Activation

Set a password to activate when using the system for the first time.

Step 1 Open **Self-Service Payment System**.

Step 2 Tap **OK** to set a password.

Step 3 Enter a password, and confirm the password.

← Home Page

Enter Password					Confirm Password				
1	2	3	4	5	6	7	8	9	0
Q	W	E	R	T	Y	U	I	O	P
A	S	D	F	G	H	J	K	L	⌫
Z	X	C	V	B	N	M	Clear		
OK									

Figure 2-1 Set Password

Note

The password shall consist of 8 to 16 characters, including digits and upper letters. Do not contain 123, admin, 4 or more consecutive ascending or descending digits, 4 or more consecutive repeated characters, or common weak passwords (such as p@ssword, passw0rd, p@ssw0rd).

Step 4 Tap **OK**.

2.2 Login

Double-tap **Self-Service Payment System**, and enter the set password to log in to the system.



Figure 2-2 Double-tap Self-Service Payment System



Figure 2-3 Login

 Note

- If you enter incorrect password for more than 5 times, the system will be locked for 1 minute.
 - To exit the system, tap **Exit** in the lower left corner.
-

Chapter 3 System Settings

3.1 Set Payment Method

To set the available payment methods, go to **System Settings** → **Payment Settings**, and enable **Pay by Cash** and **Pay by Card** as needed.

Payment Settings		▼
Pay by Cash	Enabled	☒
Pay by Card	Enabled	☒

3.2 Access Platform

The self-service payment system can be connected to the platform, and then the vehicle users can get vehicle and charge information by searching the license plate number, swiping payment cards, and scanning codes. After the payment is completed, the payment information will be uploaded to the platform.

Step 1 Go to **System Settings** → **Platform Configuration**.

Step 2 Select the platform type.

Step 3 (Optional) When **HCP** is selected, you can enable **Authorized Login** to keep login for a long time. Otherwise, you will be required to log in again if the password is changed.

Step 4 Enter the platform information, such as IP address, access key, secret key, etc.

Step 5 Tap **Save**.

Platform Configuration		▼
Platform Type	☒ HCP	☐ PMS
Authorized Login	Enabled	☒
IP Address		
Access Key		
Secret key		

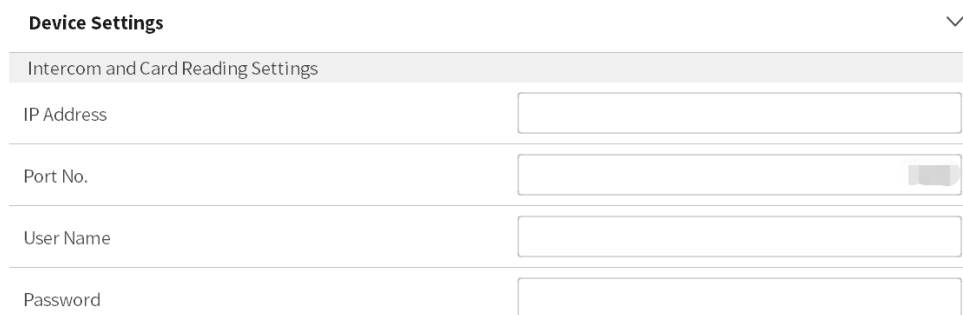
Figure 3-1 Platform Settings

3.3 Set Device Parameters

Go to **System Settings** → **Device Settings**. Admin can set the intercom and card reader parameters, cash handling serial port, POS parameters, etc.

Set Intercom and Card Reader

Set the parameters for the intercom and card reader in the **Intercom and Card Reading Settings** tab, including IP address, port No., user name, and password, so that the device can read payment information bound to user' vehicles.

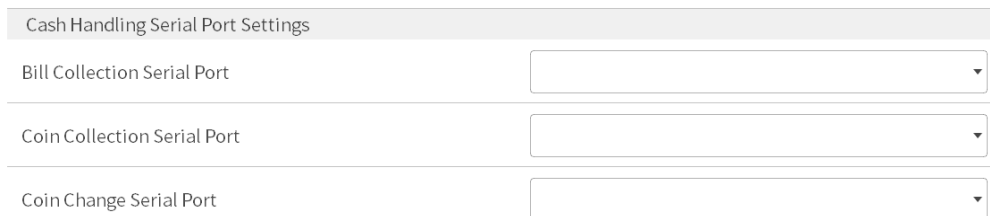


Device Settings	
Intercom and Card Reading Settings	
IP Address	
Port No.	
User Name	
Password	

Figure 3-2 Intercom and Card Reading Settings

Set Cash Handling Serial Port

Set the bill collection serial port, coin collection serial port, and coin change serial port according to the manufacturer's factory settings.



Cash Handling Serial Port Settings	
Bill Collection Serial Port	
Coin Collection Serial Port	
Coin Change Serial Port	

Figure 3-3 Cash Handling Serial Port Settings



- Open the *GRGDTATM_CommCfg.ini* file in the system installation directory, and ensure the ComID value matches the factory default settings.
- Open the *GRGCDMDevCfg-CNY.ini* file in the directory, and set the denomination details for bill change boxes, including bill length and thickness.

Set POS

Set the POS serial port and protocol in the **POS Settings** tab. The default POS serial port is COM3.

POS Settings	
POS Serial Port	
POS Protocol	PosLink

Figure 3-4 POS Settings

Set Other Settings

Set the receipt width according to the actual printing paper width. Set the LED serial port if available, and the default is COM 2.

Other Settings	
Receipt Width	80
LED Serial Port	

Figure 3-5 Other Settings

3.4 Set Local Parameters

Go to **System Settings → Local Settings**. Admin can set parking lot name, payment machine No., and admin contact information according to the actual situation.

Local Settings	
Parking Lot Name	parking lot 1
Payment Machine No.	100005
Admin Contact Info	
Admin Password	Change Password

Figure 3-6 Local Settings

3.5 Change Password

It is recommended to change the password regularly to enhance security.

Step 1 Go to **System Settings → Local Settings → Change Password**.

Step 2 Enter the old password.

Step 3 Set the new password, and confirm the password.

← Home Page

Enter Password										Confirm Password									
1	2	3	4	5	6	7	8	9	0										
Q	W	E	R	T	Y	U	I	O	P										
A	S	D	F	G	H	J	K	L	<ⓧ										
Z	X	C	V	B	N	M	Clear												
OK																			

Figure 3-7 Change Password

Step 4 Tap **OK**.

Chapter 4 Count Settings

4.1 Set Giving Change

Admin can set the quantity of coins and bills in the system to provide change, and view the total and remaining value of each type.

Step 1 Put coins and bills of corresponding quantity and value into the coin and bill boxes.

Step 2 Go to **Count** → **Give Change Settings**.

Step 3 Tap **+** and **-** to adjust the quantity. The valid range is 0 to 999.

Step 4 Tap **Save and Reset** to reset the giving change device.

Give Change Settings(Face value is ordered from largest (type 1) to smallest)

Type	Value	Quantity	Remaining Total
Cash1	0.00	- 0 +	0.00
Cash2	0.00	- 0 +	0.00
Cash3	0.00	- 0 +	0.00
Coin1	0.00	- 0 +	0.00
Coin2	0.00	- 0 +	0.00
Receipt Amount		Giving Change Error Information	
Total Amount of Bills 0.00		Number of Bill Type 1 Exception 0	

Save and Reset

Figure 4-1 Giving Change Settings

Note

- The value of each coin and bill type has been configured before delivery. To modify the values, please contact our technical support for help.
- If giving change failed, the device will give prompt and print a ticket. Users can contact the admin for help.

4.2 View Count Information

Admin can view the receipt and giving change information on this page.

Receipt Amount Information

View the total amount of coins, bills, and coupons received.

Giving Change Error Information

View the number of bill type exception.

 Receipt Amount		 Giving Change Error Information	
Total Amount of Bills	0.00	Number of Bill Type 1 Exception	0
Total Amount of Coins	0.00	Number of Bill Type 2 Exception	0
Total Amount of Coupons	0.00	Number of Bill Type 3 Exception	0

Figure 4-2 Receipt and Giving Change Information

Note

Tap **Save and Reset** to clear the receipt amount information and giving charge information.

Chapter 5 Collection Settings

Go to **Collection Settings**. Admin can set the maximum number of coins and bills that can be received at once, and select the channel for collecting coins and bills.

Collection Settings	
Max. Number of Coins Received	500
Max. Number of Bills Received	500
Coin Collection Channel	>
Bill Collection Channel	>

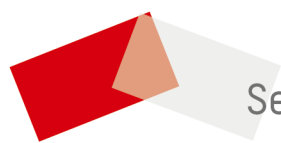
Figure 5-1 Collection Settings

Coin Collection Channel

Select the channel(s) for collecting coins according to the actual situation.

Bill Collection Channel

Select the bill collection device type, and select the channel(s) for collecting bills.



See Far, Go Further