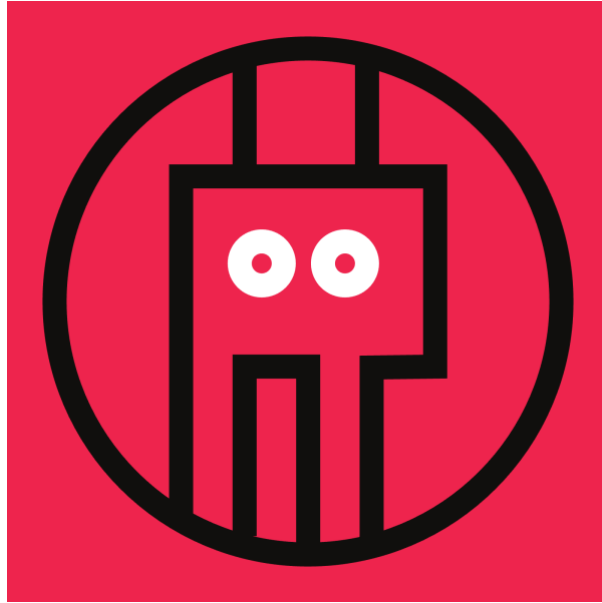


Robocoin Scanner User Manual



for scanner version: Athena 3.0

manual version 1.0.1, Jun 26, 2025



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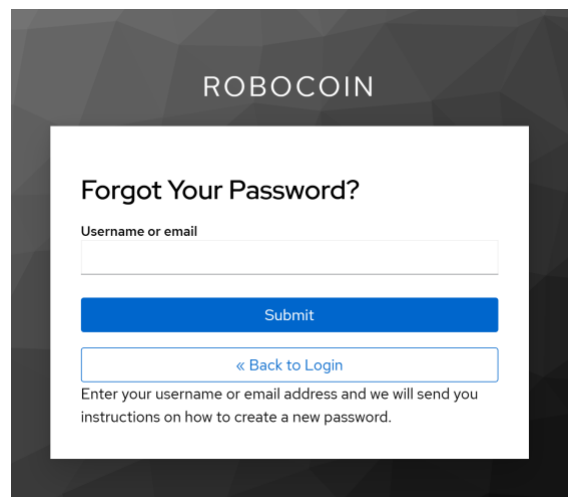
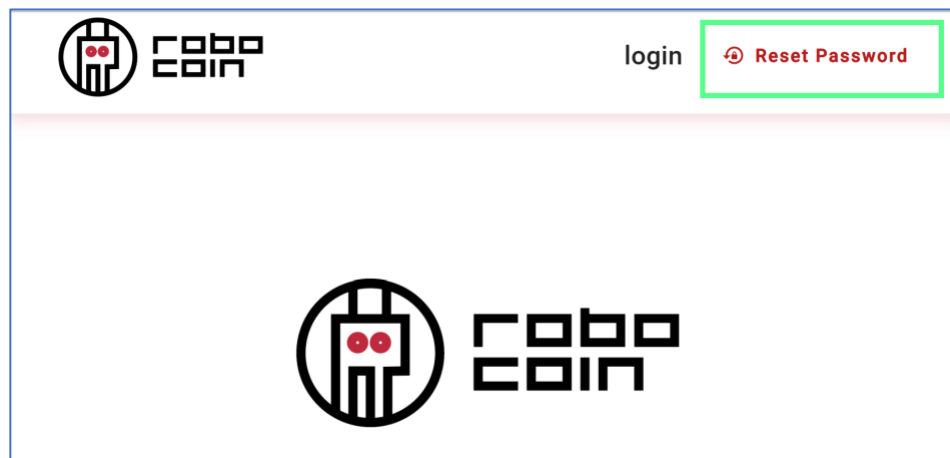


How to obtain password to your Robocoin account

The Robocoin Team has created an account in our system for every user who purchased a device. To log in, please go to <https://app.robocoin.ai> and select the “Reset password” option.

Enter the **email address you used to purchase your Robocoin device**. You will receive an email with a password reset link. Please note that the link is valid for 5 minutes.

After setting your new password, you can log in to the system using your email and the new password.



Please note, that the [Robocoin shop account](#) and the [Robocoin Account](#) are **different** and, in this manual, we always mean the **Robocoin Account created at <https://app.robocoin.ai>**.



Powering up Robocoin

Connect the provided USB type C (USB-C) charger to the Robocoin Scanner with the USB-C cable provided and toggle the switch near the USB-C port. The white LED inside the device should light up. The startup procedure takes about 20 to 30 seconds; for the first 15 seconds, the display will remain black (system startup), so please be patient.

It is important to use the USB-C charger supplied with your Robocoin, as the device requires specific power parameters. While Robocoin will work fine with many of high-quality modern USB-C chargers of 30W or more available on the market, please be aware that some third-party chargers may be incompatible.



Note: the USB-C power cable shipped with Robocoin may be in a different color than black.

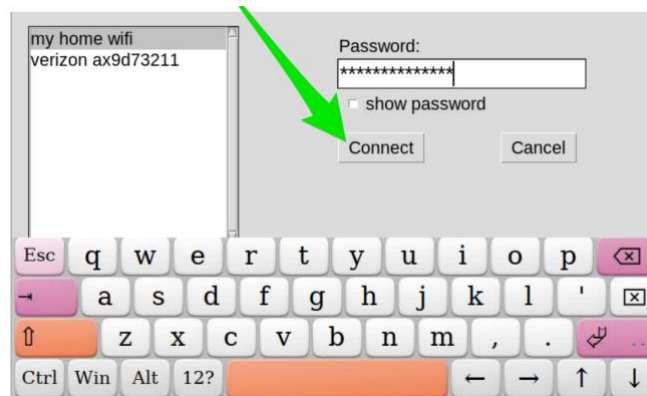
Charging the Barcode Scanner

The barcode scanner is wireless, has a built-in Li-Po battery and comes charged - it will not require charging for some time.

When it starts displaying information on low battery or stops working, please charge it. Any standard USB-C charger should be able to charge the Barcode Scanner, including the Robocoin charger.

Connection to Wi-Fi

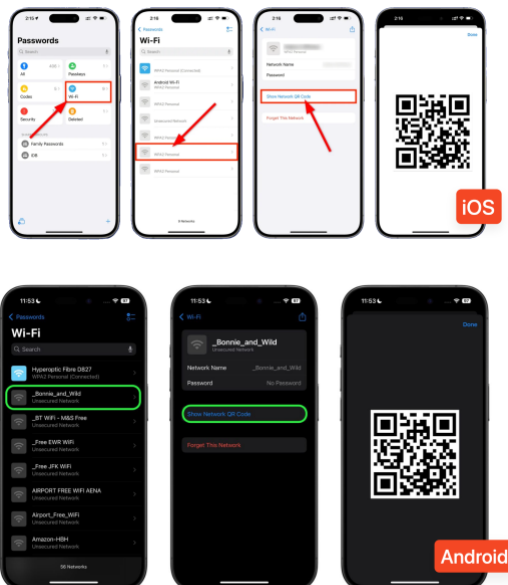
When there is no active Wi-Fi connection, Robocoin will open a Wi-Fi connection screen.



Simple connect using your QR code scanner¹

Use **your phone** connected to the local Wi-Fi to share it with Robocoin. This method is very useful particularly with long and complex passwords.

- Open the “show network QR code” page on your mobile phone:



- Scan the code with the hand scanner included with your Robocoin package. The Wi-Fi name and password will be automatically entered on Robocoin screen.
- Click “connect” on Robocoin screen.

¹ Available in some Robocoin versions, including the Early Access Program



Manual connect

Select the network and enter the password using the on-screen keyboard.

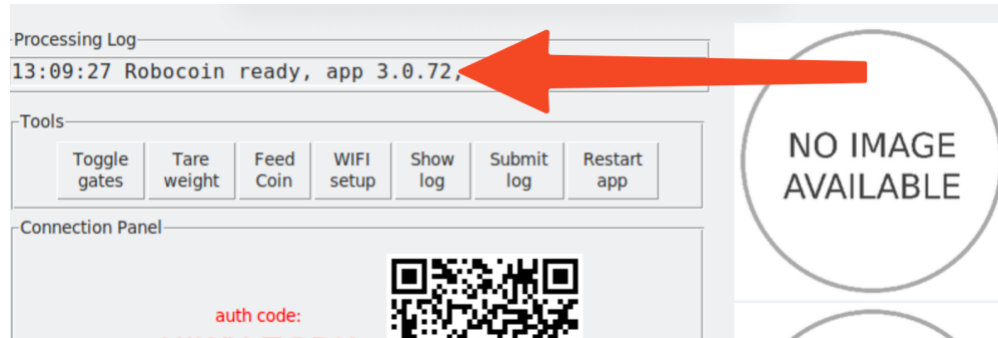
If needed, the Wi-Fi connection screen can be launched from the Wi-Fi shortcut on the desktop.

Auto-updates

Robocoin is configured to auto-update during each launch.

You do not have to do anything, Robocoin will automatically download all the files and perform the update. The process typically takes only a few seconds.

The current Robocoin software version is displayed at the top of the processing log:





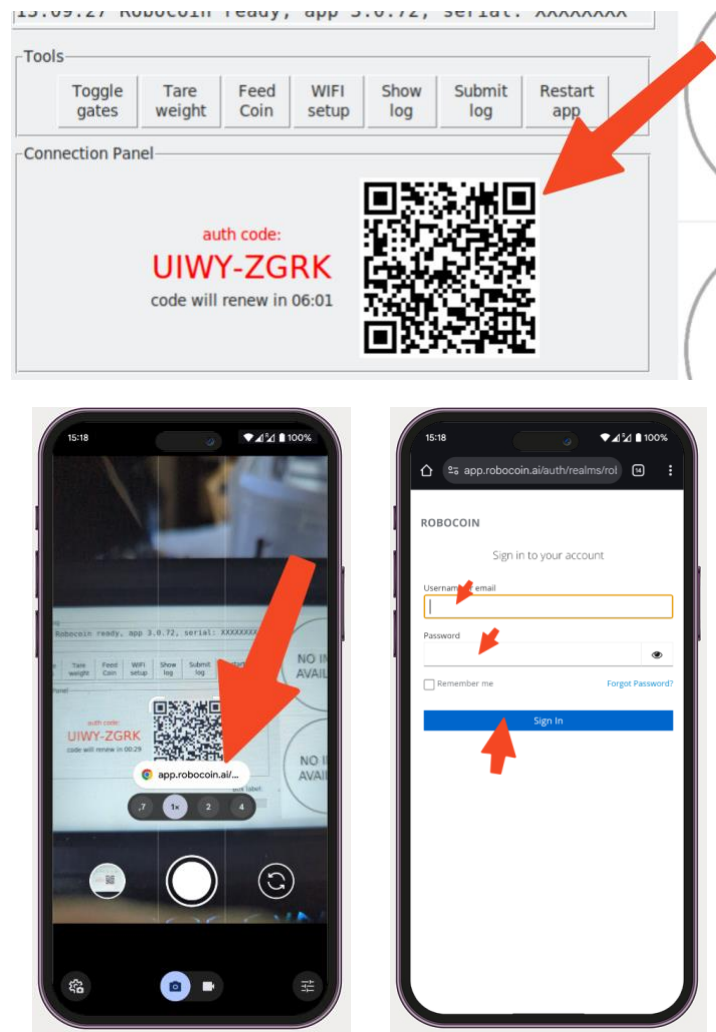
Connection to Robocoin Recognition Server

The AI-based Robocoin coin processing requires vast processing power and takes place on the server.

To be able to recognize and sort coins, you must be linked to the Robocoin recognition server. If not connected, Robocoin will display a unique code, which identifies the device and its user. The connection procedure needs to be completed **during first run** and may need to be repeated after certain updates, after longer periods of not using the device and whenever the security software decides it is required.


Option 1: Using the QR code

The easiest way to do that is to **scan the QR code** on the Robocoin screen with your mobile phone, open the scanned link and enter your username and password in the browser window.



**Option 2: manually:**

1. Log in to the Robocoin Portal (<https://app.robocoin.ai>) using your Robocoin account credentials.
2. Using the portal, choose the "Connect Scanner" option to connect the device to the Robocoin recognition system.



Coin Scans Sorter Rules Scan Monitor **Connect Scanner**

User Sessions:

IP Address	Last Access	Session Type	Start Time
31.182.207.167	Jun 19, 2025, 4:03:19 PM	Jun 19, 2025, 4:03:13 PM	WEB
37.47.135.1	Jun 17, 2025, 9:03:03 AM	Jun 16, 2025, 9:26:45 AM	WEB

Coins Statistics:

date	1ct	5ct	10ct	25ct
total coins	4399	526	540	3022

ROBOCOIN

Device Login

Enter the code provided by your device and click Submit



Coin Scanning and Sorting

To begin scan, press the green “start” button, to stop, press “stop”. Your device must be connected to the Robocoin Recognition Server for the buttons to appear on the screen.



The scan of the first coin does weigh taring and some extra calibration and takes longer.

After clicking “stop” the system does not stop immediately, because it must process the coins already in the pipeline. It takes some extra seconds to complete that.

The Robocoin Scanner recognizes the following US circulation coins: 1c, 5c, 10c, and 25c. The full list of recognizable coins can be found in separate list. To start coin sorting, put coins into the device's tumbler and press the green "SORT" button on the device screen. The capacity of the sorter depends on the size of the coins thrown in. It can hold around 20 Quarters or 50 pennies. Coins can be mixed - it does not affect the sorting process.

Sorting Rules

Each user can have their own coin sorting rules. By default, the rules are set to standard values, but they can be modified through the "Sorter Rules" section in the main menu of the Robocoin portal. The rules are executed sequentially from top to bottom. Based on the 'VALUE INDICATOR,' coins are sorted into designated slots: 'HIGH' goes to the first slot, 'MED' to the second, and 'LOW' to the third. If a coin does not have a 'VALUE INDICATOR,' it is placed in the last slot. Users can reset the rules to their default settings at any time.

Current rules are set up in such a way that in the first slot (HIGH), are all coins that are definitely worth more than face value, which include:

- All silver coins
- Indian pennies
- Wheat pennies
- Buffalo nickels



- West Point mintages
- San Francisco mintages
- Some minting errors like DELAWARE-SPIT or ALASKA-EXTRACLAW

The middle slot contains potentially higher value coins:

- Some 25c potential errors
- Pennies with POTENTIAL SMALL DATE and POTENTIAL WIDE AM
- 2009 pennies

The third slot is for so-called "Novelty detection." These are coins that we had problems identifying. This could mean that the coins are very damaged, very dirty, or that there was a mismatch during the recognition process that prevented us from properly identifying the coin.

CATEGORY CODE	ENABLED	DATES	MINT SYMBOLS	COIN FEATURE	VALUE INDICATOR	VALUE DESCRIPTION	NOVELTY
					- LOW +	Novelty	true
00025-WASH-1932-1998		1960, 1961, 1962, 1963, 1964, 1950, 1951, 1952, 1953, 1954, 1955, 1956, 1957, 1958, 1959, 1940, 1941, 1942, 1943, 1944, 1945, 1946, 1947, 1948, 1949, 1932, 1933, 1934, 1935, 1936, 1937, 1938, 1939			- HIGH +	SILVER COIN	false
00005-JEFF-1938-2020		1960, 1961, 1962, 1963, 1964, 1950, 1951, 1952, 1953, 1954, 1955, 1956, 1957, 1958, 1959, 1940, 1941, 1942, 1943, 1944, 1945, 1946, 1947, 1948, 1949, 1938, 1939			- HIGH +	Silver Jefferson Nickel	false
00001-INDN-1859-1909					- HIGH +	INDIAN PENNY	false
00005-BUFF-1913-1938					- HIGH +	BUFFALO Nickel	false
00010-MERC-1916-1945					- HIGH +	Mercury Dime	false
00005-BUFF-1913-1938					- HIGH +	Buffalo Nickel	false
00001-LINW-1909-1958					- HIGH +	WEAT PENNY	false
			W		- HIGH +	WEST POINT MINTAGE	false
			S		- HIGH +	San Francisco MINTAGE	false
00001-LINM-1959-2008		1992, 1998, 1999, 2000		• 001-LINM-WIDE-AM: WIDEAM	- HIGH +	LINM WIDE AM	false
00025-WASH-2021-CROSSING				• 025-WASHCROSSING-HAT: ERROR	- HIGH +	CROSSING DIE ERROR	false
				• 001-LINM-SMALLDATE-	- HIGH +		



Coin Scan Browsing

Coin Scan results can be reviewed on Robocoin Portal under 'Coin Scans'.

The screenshot displays the Robocoin Portal interface for 'Coin Scans'. On the left is a filtering sidebar with sections: View Mode (Normal, Brief), Value Filters (ZERO, LOW, MED, HIGH), Pick Category, Coin Date, Coin Mint (D, P, N, S, W), Set coin extra feature value, and Enter a date range. The main area shows three coin scan results, each with a card containing the ID, category, date, and features, a 'Timestamp | Value' section with owner, scan date, and value indicator, and two circular images labeled 'Obverse' and 'Reverse'.

ID	Category	Date	Mint	Features	Scan Time	Value
DSUUKTY938XF	00001-LINW-1909-1958	1958	D		2025-06-19 15:08:03	HIGH
DSJBDQA6EZGA	00025-BEFQ-2010-2020-TALLGRASS-PRAIRIE	2020	D		2025-06-19 15:07:33 • 2.71g	ZERO
DS52RPMQH9PU	00001-LINW-1909-1958	1951	D		2025-06-19 15:07:26 • 0.12g	HIGH

On the left, there is a filtering form that allows you to customize the view of scanned coins. In particular, using the Value Filters, you can display only coins that have potentially higher value.

The screenshot displays the Robocoin Portal interface for 'Coin Scans' with a list view. The left sidebar is identical to the previous screenshot. The main area shows a table of scanned coins with columns: ID, Category, Date, Mint, Features, Scan Time, and Value.

ID	Category	Date	Mint	Features	Scan Time	Value
DSUUKTY938XF	00001-LINW-1909-1958	1958	D		2025-06-19 15:08:03	HIGH
DSJBDQA6EZGA	00025-BEFQ-2010-2020-TALLGRASS-PRAIRIE	2020	D		2025-06-19 15:07:33 • 2.71g	ZERO
DS52RPMQH9PU	00001-LINW-1909-1958	1951	D		2025-06-19 15:07:26 • 0.12g	HIGH
DS5L9BWUR7UJ	00001-LINW-1909-1958	1948	D		2025-06-19 15:05:03 • 3.15g	HIGH
DS3WUI06RAU	00025-STATEQ-1999-2009-RHODE-ISLAND	2001	P		2025-06-19 15:04:52 • 5.74g	ZERO
DS99ZKXNGOKP	00010-ROOS-1946-2020	1965	N		2025-06-19 15:04:44 • 2.27g	ZERO
DSZEICH3BXJ	00001-LINW-1909-1958	1946	N		2025-06-19 15:04:36 • 3.07g	HIGH
DS07AM109X3G	00001-LINW-1909-1958	1950	N		2025-06-19 15:04:25 • 3.1g	HIGH
DSQDYH9DWZWB	00001-LINW-1909-1958	1951	D		2025-06-19 15:04:14 • 3.2g	HIGH
DSDDRLAM2SHH	00025-STATEQ-1999-2009-MARYLAND	2000	P		2025-06-19 14:47:01 • 5.71g	ZERO
DS87RPMUHOZZ	00001-LINW-1909-1958	1958	N		2025-06-19 14:46:54 • 3.12g	HIGH
DSNNFK1SGER	00025-STATEQ-1999-2009-GEORGIA	1999	P		2025-06-19 14:46:42 • 5.7g	ZERO
DSKUF09H9AAB	00001-LINW-1909-1958	1950	D		2025-06-19 14:46:35 • 3.07g	HIGH



Box labels and the handheld barcode scanner²

If your Robocoin comes with the handheld QR/barcode scanner, you can use the “box labels” functionality to help you arrange your scanned coins in batches/“boxes”, which – in turn – allows you to better organize your coins in the online catalog.

As the Robocoin gets increasingly mature, its recognition power grows. It may happen, that some of the valuable coins not recognized as such today will be identified in the future.

You may also want to tell the system what batch / box / container you scan, so that you can identify them in the future for your convenience.

In all such cases, the “box label” functionality may come in handy.

All you need to do is to scan (or enter manually) the number of the box/batch into the system and all the coins scanned from that moment will be tagged with that number.

The system recognizes barcodes with up to 10 digits.

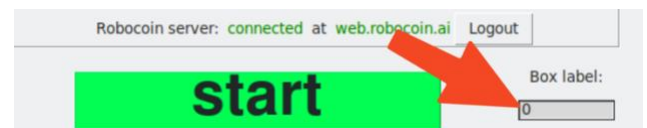
Box label setting using handheld barcode scanner

1. Stick a sticker with the barcode to the box with the coins or where the coins will be stored (depending on your use case)
2. Scan the barcode with the scanner



Manual box label setting

1. Click the “box label” box:
2. Type the box label number and click “set”
3. Click anywhere in the black to close the dialog



² Available in some Robocoin versions, including the Early Access Program



Troubleshooting

Robocoin is a complex mechanical device driven by equally complex software and there are many situations that something may go wrong. Most of cases you may encounter a jammed coin, and Robocoin should recognize it after short time and stop, so that you can react.

The Robocoin Knowledge Base is available at <https://shop.robocoin.ai/kb> and it will contain the most up-to-date information on how to fix the common problems with Robocoin scanner and online systems.

However, when you encounter a problem of software nature with your scanner, here are the functions that may help:

1. Restarting the Robocoin Scanner App: always worth trying. Robocoin will try to update the software and perhaps there is already a solution to your problem.
2. (optional) Show log: this function will display the complete debug log collected by the scanner. If you are tech-savvy you might find a reason of the problem encountered.
3. "Submit log": a function which sends the debug log to Robocoin team for review. Please also drop us an email at support@robocoin.ai with a short description of the problem.
4. Whenever you encounter a problem you can send us an email to support@robocoin.ai or – if the matter is less urgent – ask a question at the Robocoin Knowledge Base <https://shop.robocoin.ai/kb>

