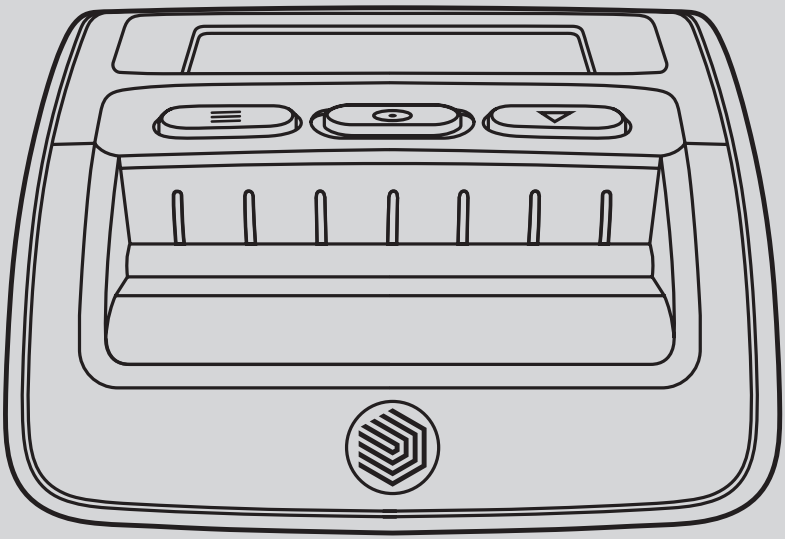
Safescan®

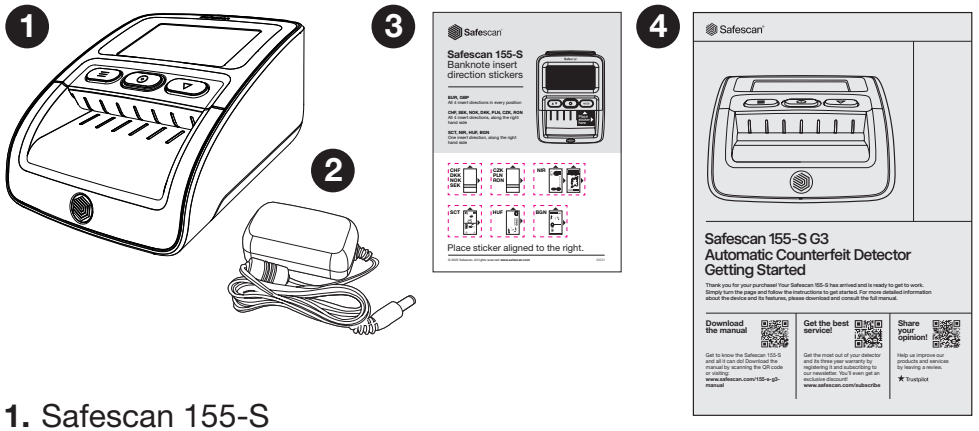


Safescan 155-S G3 Automatic Counterfeit Detector

User Manual

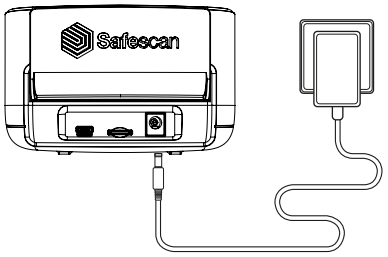
English

1. Package content

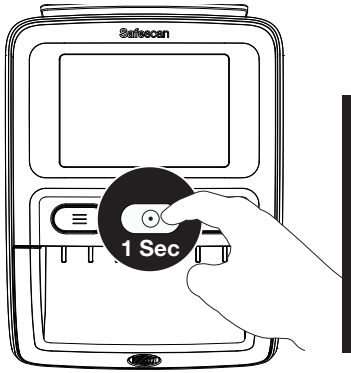


1. Safescan 155-S
2. Power adapter
3. Banknote insert direction sticker
4. Get started flyer / Safety instructions

2. Power ON/Standby mode



Connect the power adapter to the device and plug it into the mains outlet



Press the ⊙ button to switch on the detector.

NOTE: The device will automatically go into standby mode when its not being used for more than 30 seconds. The blue light will remain on. Simple press the ⊙ button, or insert a banknote to reactivate the device.

3. Set up your device

3.1.
Start by selecting your language. Use the ▽ button to browse trough the options and select one by clicking the ⊙ button.

3.2.
Next, choose your currency. Use the ▽ button to see all the options and select the one you want by pressing the ⊙ button.

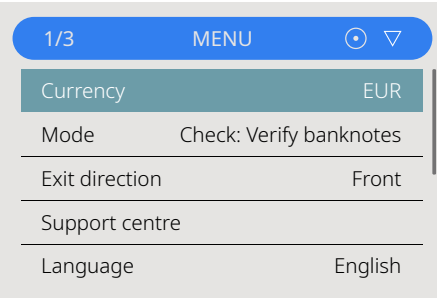
3.3.
The set-up is now complete and the device will automatically start itself.

3.4.
There are two possible banknote exit directions:

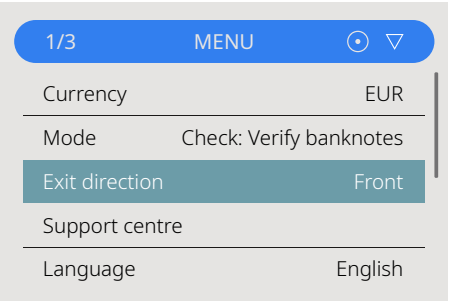
1. ▼ Exit via the front.
If the arrow is pointing down, the banknotes will exit at the front of the device.

2. ▲ Exit via the back
If the arrow is pointing up, the banknotes will exit via the back. Select this option if you are also using the Safescan RS-100.

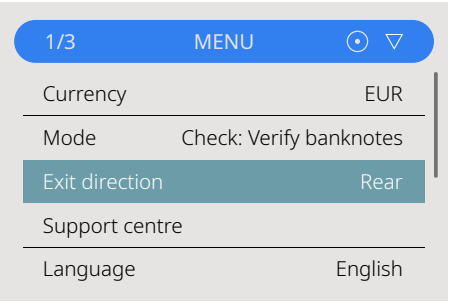
The exit direction can be set in the user menu.



Press the ☰ button to open the user menu.



Use the ▽ button to navigate to ''Exit direction" ▽

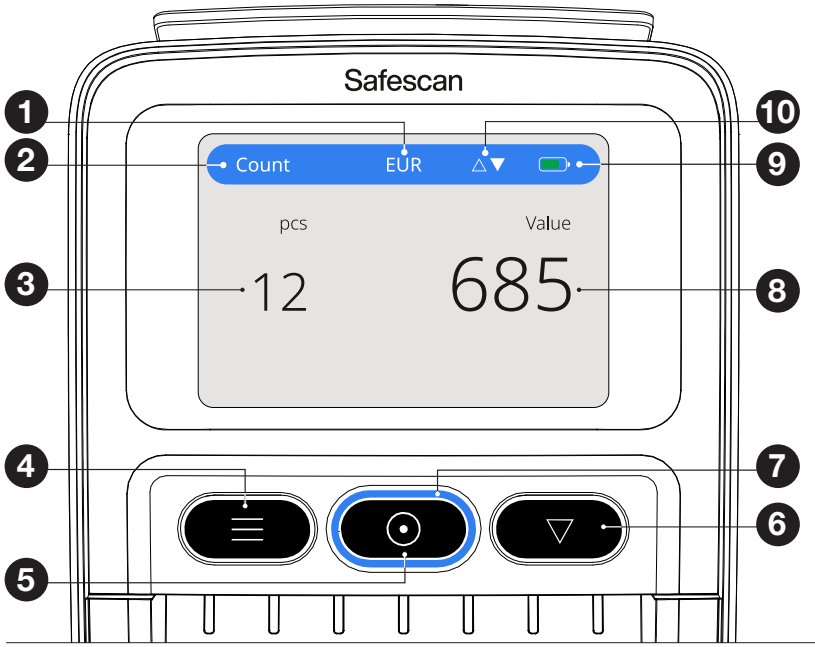


Press the ⊙ button to change the Exit direction setting.

NOTE: If you have selected the back exit option we advise you to remove the banknote exit guide.

If you want to collect your banknotes with the Safescan RS-100, the back exit option must be selected.

4. Display and controls



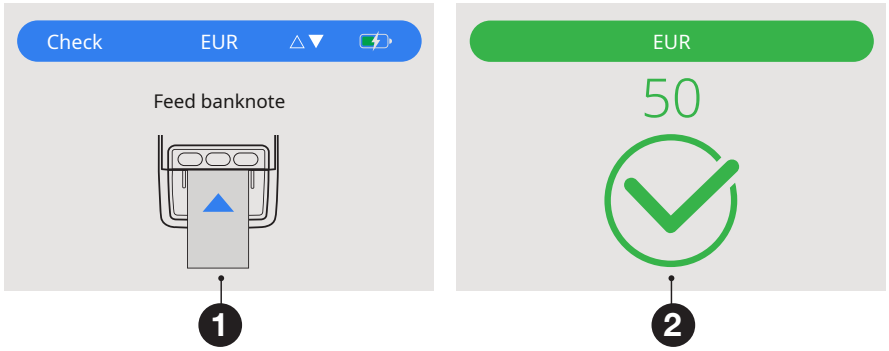
01. Selected currency
02. Active mode (count or check)
03. Total number of verified notes (only in count mode)
04. Menu
05. Long press: On/Off
Short press: Count mode: clear results
Standy: Activate device
Menu: Open / select option
06. Short press: Count mode: open report
Menu: select next item
07. Blue light: ON/Standby. Red light: Error
08. Total value of verified notes (only in count mode)
09. Battery status indicator (when battery is inserted)
10. Banknote exit direction indicator

5. Operating instructions

5.1. Detection modes display information

The detector has two different modes:
Check: only verify notes
Count: verify and count notes

Press the ☰ button and select the mode **''Check"**



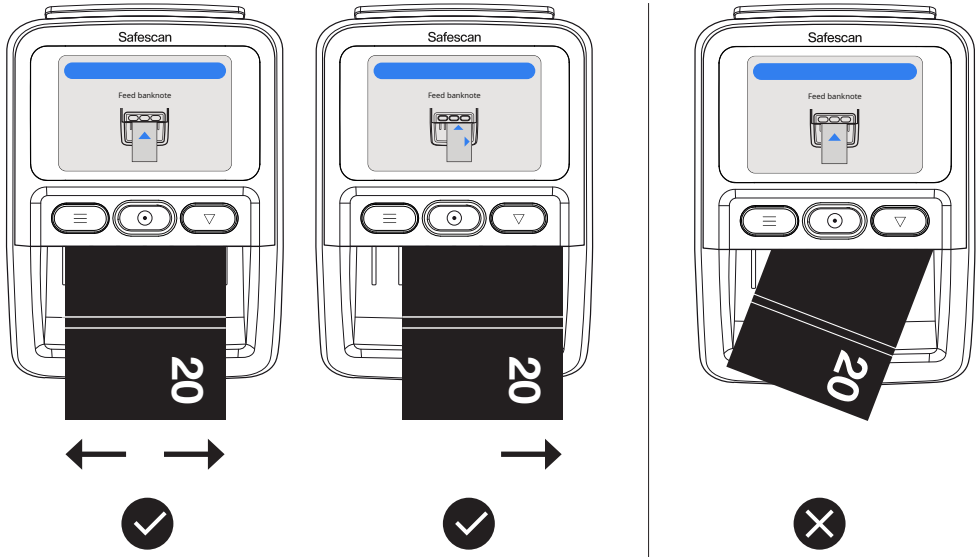
Press the ⊙ button and select the mode **''Count"**



1. Insert instruction screen
2. Banknote verification screen
3. Count screen

5.2. Inserting banknotes

Banknotes need to be inserted in the correct manner to succesfully scan the security features. All banknotes need to be inserted straight and in the correct insert direction(s). Currencies EUR & GBP can be inserted in all positions (left - mid - right). All other currencies must be inserted allong the right-hand side. This is also indicated on the display.



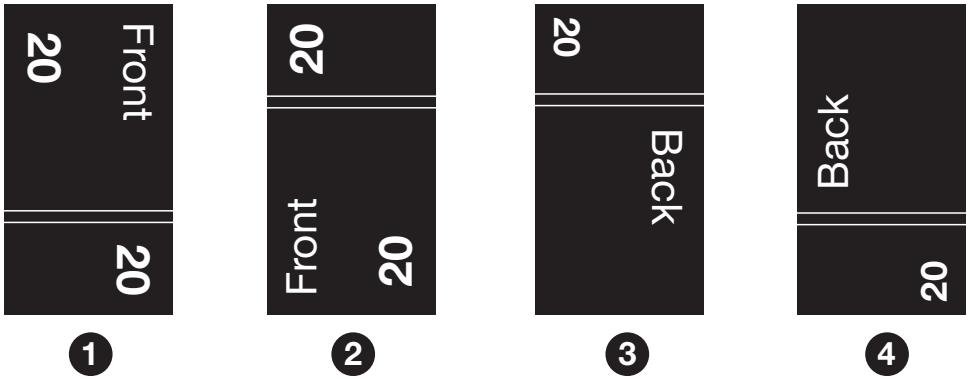
EUR, GBP
- All 4 insert directions
- Any position

CHF, SEK, NOK, DKK, PLN, CZK, RON
- All 4 insert directions
- Along the right hand side

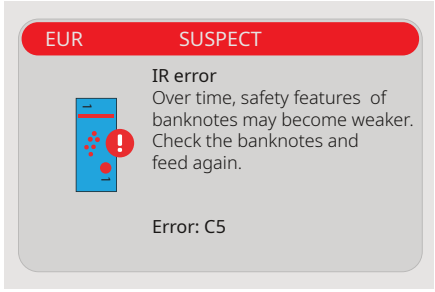
SCP, NIP, HUF
- Insert direction 1
- Along right hand side

Avoid inserting banknotes at an angle, this will lead to errors and jams.

5.3. Insert directions



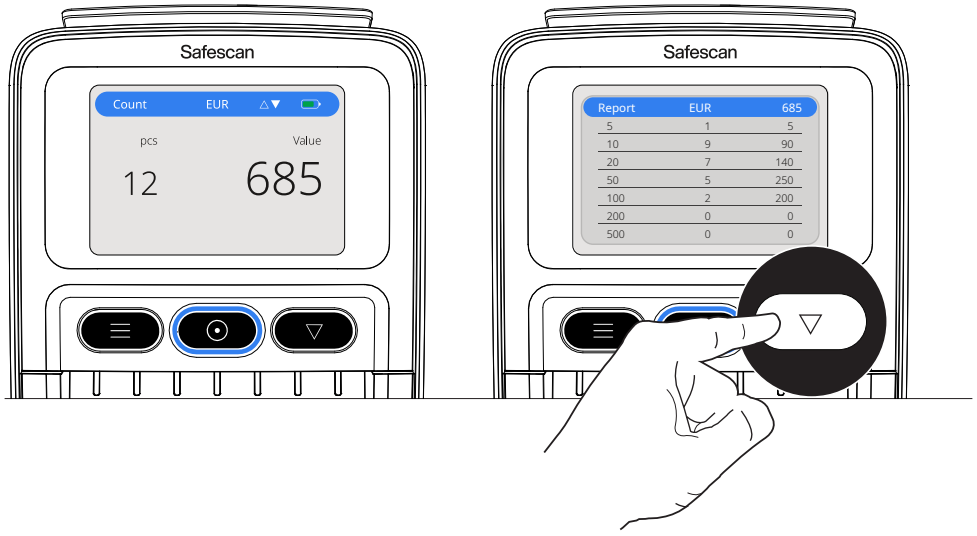
Note: You can use the included banknote insert sticker to align currencies other than EUR and GBP.



When a suspected banknote is detected, a red light will blink ⊙ and a beep sounds 3 times. An error message will be displayed. A detailed overview of the error messages can be found in chapter 8.

5.2. View counting results

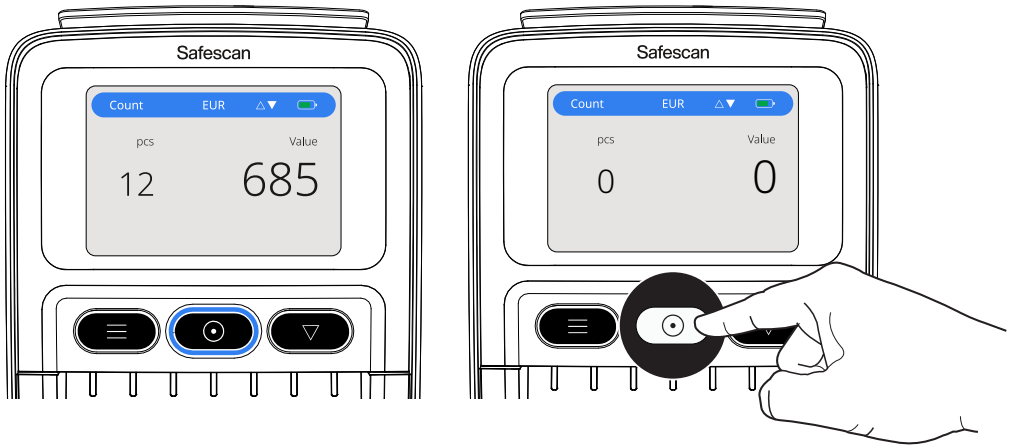
In the **''count"** mode, it is possible to view the counting results per denomination.



1. Press the ▽ button to view the counting results per denomination. You will hear a beep when the results of all the denominations have been shown.

2. Press the ▽ button again to close the report and go back to the ''count" screen.

5.3. Clear counting results



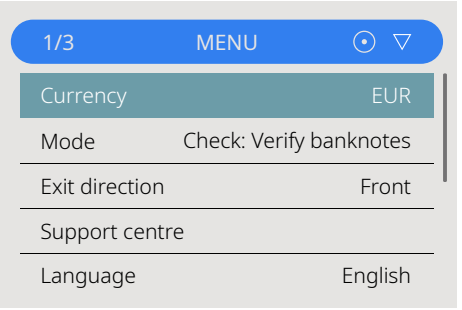
Press the ⊙ button ones to delete all the result

6. Menu

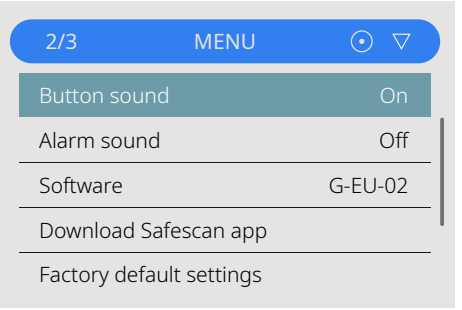
The menu contains all the features and settings you need to successfully use the device.

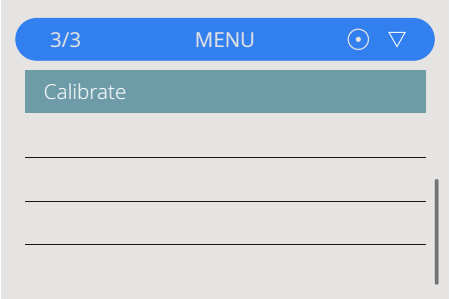
Press the ☰ button to open the menu and use the ▽ to browse though features and settings. Press the ⊙ button to select or change an option. Press the ☰ button again to close the menu.

Menu items **Page 1/3**	Decription
Currency	Available currencies
Mode	Check: only verify banknotes Count: verify and count banknotes
Exit direction	Banknotes exits from the front or the back.
Support centre	QR code to online support of this device.
Language	Available languages



Page 2/3	
Button sound	Switch button sounds on or off
Alarm sound	Switch alarm sound on or off
Software	Current software version
Download Safescan app	QR code to download the Safescan app.
Factory default settings	Reset the device to its default settings.



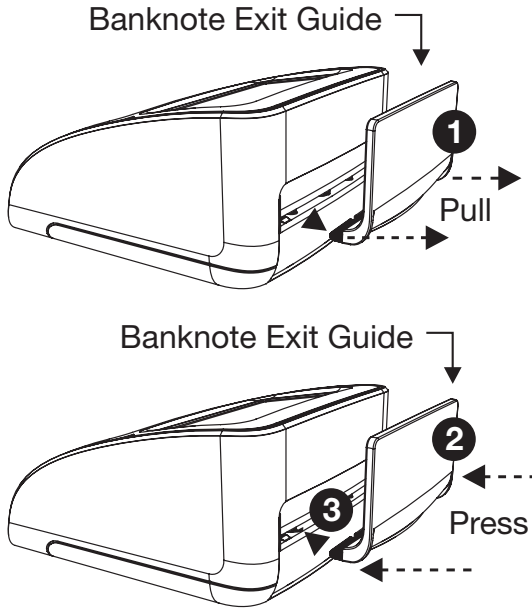
Menu items Page 3/3	Decription
	
Calibrate	Calibration settings

NOTE: Calibrating the device should only be done when advised by the Safescan customer care team.

7. Removing the banknote exit guide

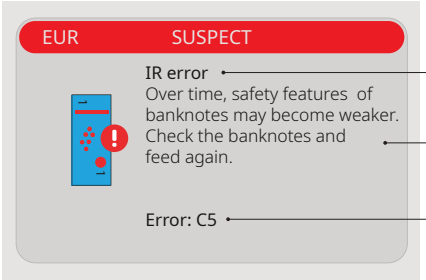
The banknote exit guide is assembled on the device by default as this part will allow the device to have the smallest possible footprint. In case you want to use the detector for counting larger amounts of banknotes it is better to remove the banknote exit guide to allow banknotes to exit from the backside (as described in chapter 3.2) The banknote exit guide can be removed by simply pull it out the attachement from the backside in 2 steps.

1. Hold on to the sides of the banknote exit guide.
2. Pull out the part horizontally until it comes loose.
3. The banknote exit guide can be placed back by simply pushing it back into the slots.



8. Messages

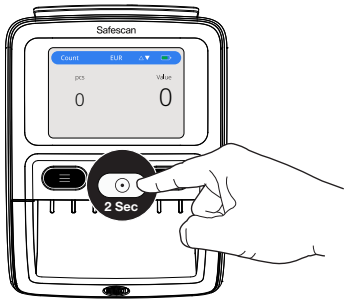
Different messages may appear while using the device. Below you can find what each message means, and what the best steps are.



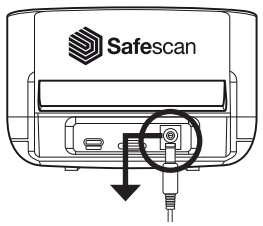
Error	Cause	Solution(s)
Banknote length error	The banknote appears to have a deviating length.	Check the banknote, feed it again or remove it.
Magnetic ink, Metallic thread, Infrared, colour and UV properties	These items may not be correct or have weakened overtime. Making it difficult to check them.	Carefully check the bank note, feed it again, or put it aside.
Banknote thickness error / Double banknote error	A banknote with a non-confirming thickness has been detected.	Make sure that the ban notes are not folded or stuck together. Feed the note again.
Slant banknotes	Banknote is not been fed straight through the device.	Make sure that the bank note is fed straight into the device.
Feeding error	Something went wrong during feeding the banknote or the top panel is not closed properly.	Check the top panel and feed the banknote again.

9. Cleaning instructions

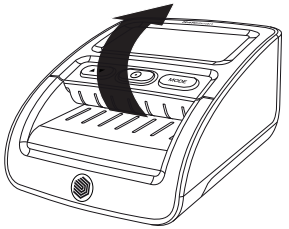
1 Power off



2 Unplug

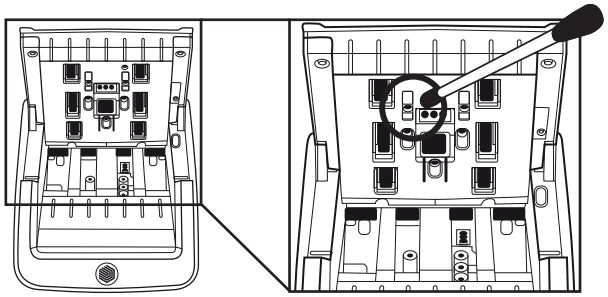


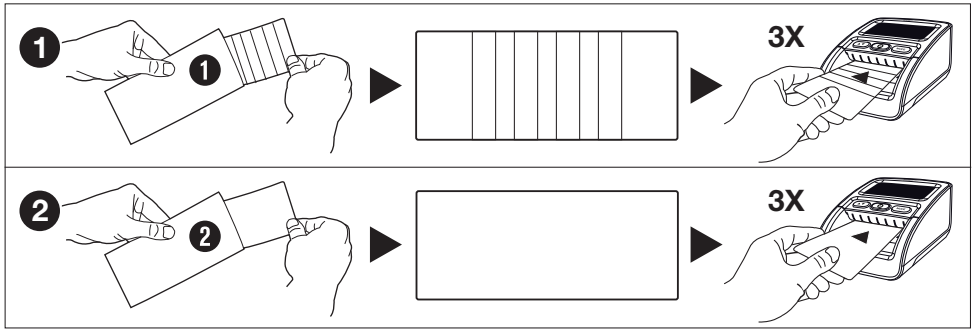
3 Open



4

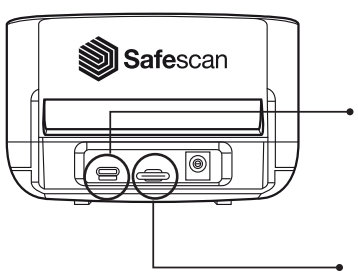
Clean the transport mechanism, magnetic heads and sensors with a dry cloth or cotton swab / q-tip

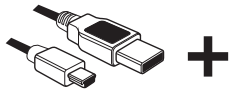




You can also use the optional Safescan Cleaning Cards to clean the roller wheels and magnetic sensors.

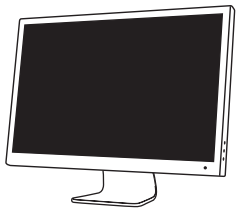
10. Currency updates





Mini USB cable to PC (avaialble on safescan.com)

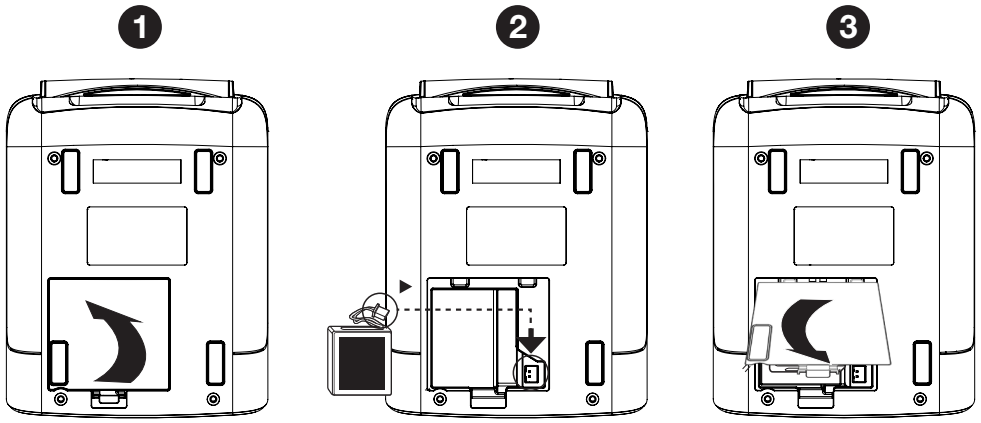
Micro SD Card



For more info go to **www.safescan.com/downloads**

11. Accessories

11.1. Safescan LB-105 Rechargeable Battery



11.2. Power status

The power status is shown in the top right corner.

No battery



Connected to an outlet with the adapter.

Battery installed and adapter connected



Battery power < 20%



Battery power > 50%



Fully charged

Battery installed without adapter connected



Battery power < 5%



Battery power = 6-10%, 11-20%, 21-70%

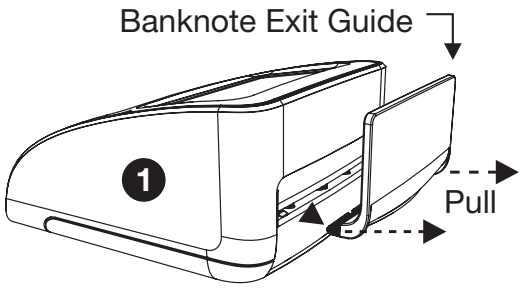


Fully charged

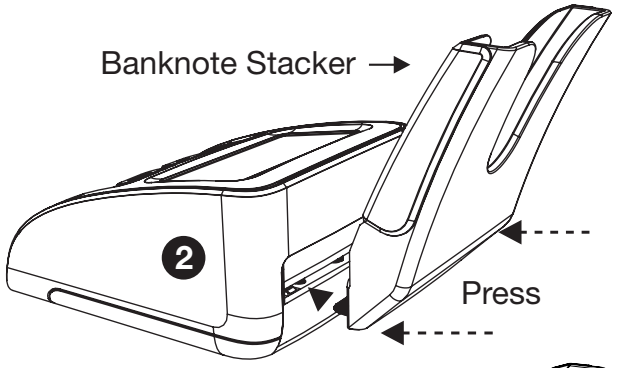
11.3. Banknote stacker

For the Safescan 155-S, an optionional banknote stacker accessory is available: Safescan RS-100. This stacker can be used to detect, count and stack banknotes at the same time. The banknotes will be neatly stored in the stacker until you can take out the complete stack at once after the count. The stacker can contain up to 20 banknotes.

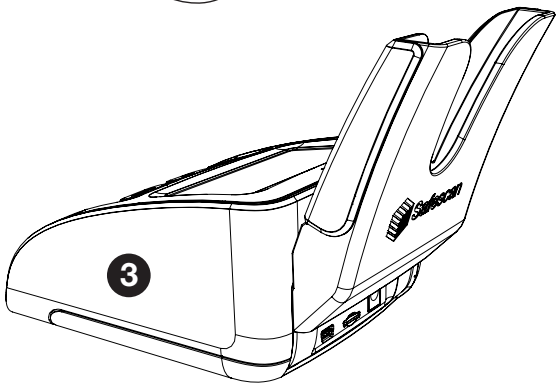
1. Remove the banknote exit guide from the device.



2. Hold the stacker with the in place at the back of the device with the ‘teeth’ facing forward and horizontally.



3. Push the stacker in to the slot. The stacker is ready to use.



12. Safety precautions

Safescan 155-S

WARNING! Burns, electrical shock and fire hazard due to short-circuiting. Risk of serious injury

- Never use a damaged power adapter/power cord.
- Always use only the supplied power adapter.
- Never subject the device, power adapter or power cord to liquids or moisture.
- Never touch and (dis)connect the power adapter with wet hands.
- Always unplug the device from the mains socket if you want to move it to another position.
- Always hold the plug when unplugging the device from the mains socket, never pull the cord .
- Never spill any liquids or chemical (cleaning) detergents on the device.
- If liquid are spilled on the device, always disconnect the power from the mains supply socket, remove the battery (when installed) and contact Safescan for assistance.

CAUTION! Damage

- To avoid leakage. Remove the battery from the device in case of long term non-use or storage.
- This machine contains rotating parts. Never touch the moving parts when the machine is switched ON.
- Please ensure that no foreign objects (coins, paper clips, staples,) fall into the machine, these may block the mechanical parts and the sensors of the machine and damage or break them and will void your warranty.

NOTICE! Risk of damaging the device

- Make sure that no foreign object enters the device.
- Never disassemble the device.
- Do not use the machine in dusty or dirty environments, as this will lead to sensor malfunctioning.
- If the machine is not used for a long period of time, remove the power plug from the wall outlet, to avoid possible damage of the equipment.

BATTERY LB-105 (optional accessory)

WARNING! Burns, fire hazard and poisioning. Risk of serious injury



- Keep the battery away from fire, heat and water
- Always avoid touching the battery with your bare hands when battery is corroded or when leakage has occured.

CAUTION! Damage, polution



- To avoid leakage. Remove the battery from the device in case of long term non-use or storage.
- To avoid polution. Dispose of batteries in accordance with local regulations.

13. Specifications

Supported currencies:	EUR, GBP, CHF, SEK, NOK, DKK, PLN, CZK,RON, SCT, NIR, HUF Depending on the installed currency pack. See www.safescan.com for availability)
Counting modes:	Check, Count
Detecting speed speed:	< 1 second
Banknote feature detection:	IR, MG, MT, WM, CD, LD, WD, TD
Power adapter:	12V, 12 Watt, 1A
Mains Operating Voltage:	100-240V - 50/60Hz 0.4A Max
Power consumption:	Less than 10 Watts
Dimensions (W x D x H):	120 x 156 x 76 mm

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