

MUNBYN IMC22

MUNBYN IMC22 Mixed Denomination Bill Counter User Manual

Model: IMC22 | Brand: MUNBYN

INTRODUCTION

The MUNBYN IMC22 is an advanced bill counter designed for efficient and accurate processing of banknotes. It features mixed denomination counting, robust counterfeit detection, and support for multiple currencies. This manual provides essential information for setting up, operating, maintaining, and troubleshooting your device to ensure optimal performance.

1. SETUP GUIDE

1.1 Unpacking the Device

Carefully remove all components from the packaging. Verify that all accessories are present:

- MUNBYN IMC22 Bill Counter
- Power Cable
- User Manual
- Cleaning Brush
- External Display (if included)



Image: The MUNBYN IMC22 Bill Counter with its included accessories, including the power cable, cleaning brush, and user manual.

1.2 Power Connection

1. Ensure the power switch on the back of the device is in the OFF position.
2. Connect the power cable to the power input port on the back of the bill counter.
3. Plug the other end of the power cable into a standard 220V electrical outlet.

1.3 Initial Power On

Flip the power switch to the ON position. The device will perform a self-test, and the main TFT screen will illuminate, indicating it is ready for operation.

2. OPERATING INSTRUCTIONS

2.1 Loading Bills Correctly

Proper bill insertion is crucial for accurate counting and to prevent errors. Follow these steps:

1. Align the bills neatly, ensuring they are not folded or crumpled.
2. Place the stack of bills into the hopper, ensuring they are centered and flat.
3. Gently push the bills forward until they are securely seated in the feeder mechanism.



Image: Visual guide demonstrating the correct method for inserting banknotes into the bill counter's hopper, contrasting with incorrect placements.

2.2 Understanding Counting Modes

The IMC22 offers several counting modes to suit various needs:

- **MDC (Mixed Denomination Counting):** Counts mixed denominations of the same currency and provides a total value and quantity.
- **CNT (Count):** Counts the number of bills only, without denomination recognition or counterfeit detection.
- **SDC (Single Denomination Counting):** Counts bills of a single denomination. The machine automatically recognizes the denomination of the first bill.
- **SDCV (Single Denomination Value):** Counts bills of a single denomination and provides their total value. The denomination is automatically recognized from the first bill.



Image: The IMC22 bill counter actively counting a stack of mixed Euro denominations, with the display showing the total count and value.

2.3 Starting and Stopping Counting

After loading bills and selecting the desired mode, press the **START** button to begin counting. The machine will automatically stop once all bills have been processed or if an error is detected. Press **STOP** or remove bills from the stacker to pause or end a counting session.

2.4 Dual Display Functionality

The IMC22 features a 3.5-inch main TFT screen for the operator and a secondary customer-facing display. This allows both the operator and the customer to view counting results in real-time, enhancing transparency.



Image: The IMC22 bill counter showcasing its dual display feature, with both the operator's screen and the customer-facing screen clearly visible, showing identical counting data.

2.5 Language Selection and Currency Updates

The device supports English, German, and French by default. It can be upgraded to support 16 additional languages, including Spanish, Polish, Portuguese, Russian, and Arabic. Refer to section 5.4 "Language Selection" on page 20 of the full manual for detailed upgrade procedures.

The IMC22 supports over 120 currencies, including EUR, USD, BRL, CAD, COP, LBP, and MXN. For assistance with currency updates, please contact MUNBYN technical support.

Existing currencies:



EUR



GBP



USD



MXN



CAD

Currencies added via technical upgrades (up to 120+):



CUP



AOA



ARS



BRL



CLP



COP



GTQ



EUR



BYN



AED



AZN



NZD



JPY



CDF



KES



BDT



CHF



BND



KRW



BOB



BGN



AFN



BAM



BHD

Image: A visual representation of various national flags indicating the existing and upgradable currencies supported by the IMC22 bill counter, totaling over 120.

2.6 Counterfeit Detection

The IMC22 is equipped with advanced counterfeit detection technologies, including CIS (Contact Image Sensor), UV (Ultraviolet), IR (Infrared), MG (Magnetic), and MT (Metal Thread). These systems perform 11 layers of security checks to accurately identify fake, worn, or slightly damaged banknotes, ensuring the integrity of your cash flow.

No Fake Bills Get Through



11 Counterfeit Detection Technologies

 CIS Detection

 IR Detection

 MT Detection

 UV Detection

 MG Detection



Image: An illustration highlighting the IMC22's counterfeit detection capabilities, showing a banknote being scanned by various sensors like

3. MAINTENANCE

3.1 Cleaning the Device

Regular cleaning ensures optimal performance and longevity of your bill counter. Use the provided cleaning brush to remove dust and paper residue from the bill path, sensors, and rollers. Power off and unplug the device before cleaning.

3.2 General Care

Store the device in a clean, dry environment. Avoid exposing it to extreme temperatures or humidity. Do not attempt to disassemble the device beyond routine cleaning as this may void the warranty.

4. TROUBLESHOOTING

4.1 Common Issues and Solutions

Problem	Possible Cause	Solution
Error Message / Bills Not Counting	Improper bill insertion, jammed bills, dirty sensors.	Ensure bills are aligned and inserted correctly. Clear any jammed bills. Clean sensors with the provided brush.
Inaccurate Counting	Worn or dirty rollers, bills are too old/damaged, incorrect mode selected.	Clean the rollers. Try counting with newer bills. Verify the correct counting mode (MDC, SDC, CNT) is selected.
Counterfeit Detection Failure	Dirty counterfeit detection sensors, outdated software for new security features.	Clean all detection sensors (UV, IR, MG, CIS). Contact MUNBYN support for software updates if new currency security features are not being recognized.
Device Not Powering On	Power cable not connected, power outlet issue.	Check power cable connection. Ensure the power outlet is functional (220V).

If you encounter issues not listed here or if the suggested solutions do not resolve the problem, please contact MUNBYN technical support for further assistance.

5. SPECIFICATIONS

- **Model:** IMC22
- **Brand:** MUNBYN
- **Dimensions (L x W x H):** 40 x 23.5 x 34 cm
- **Weight:** 6.56 Kilograms

- **Counting Speed:** >1000 bills/minute (up to 1200 bills/minute)
- **Counterfeit Detection:** CIS, UV (Ultraviolet), IR (Infrared), MG (Magnetic), MT (Metal Thread)
- **Supported Currencies:** EUR, USD, BRL, CAD, COP, LBP, MXN (supports over 120 currencies via updates)
- **Display:** 3.5-inch TFT main screen, secondary customer-facing display
- **Power Requirement:** 220V

6. WARRANTY AND SUPPORT

6.1 Product Warranty

The MUNBYN IMC22 Bill Counter comes with **atwo-year quality guarantee** from the date of purchase. This warranty covers manufacturing defects and malfunctions under normal use. Please retain your proof of purchase for warranty claims.

6.2 Technical Support

MUNBYN is committed to providing comprehensive customer support. Our technical support team aims to respond to inquiries within **two hours**. We also offer **lifetime free software updates** to ensure compatibility with new currency versions and security features.

For technical assistance, warranty claims, or currency updates, please visit the official MUNBYN website or contact our customer service department directly. Contact details can typically be found on the MUNBYN website or in the product packaging.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question