MUNBYN

Munbyn, More choice for your growing business

MUNBYN

IMC01 Banknote Counter



Contents

1.0	Machine Overview	0
2.0	Packing Open and Installation	0.
2.1	Packing List ·····	0.
	Installation and Use Location ·····	
	Installation Instructions	
	2.3.1 Installation Warnings ·	. 0
	2.3.2 Power Supply Connection	
	2.3.3 Banknote Guider Installation	0
3.0	Display and Operation Interface	0
	Display Appearance	
3.2	Operational Instructions for Function Keys ·····	0
3.3	Display Interface ·····	0
4.0	Operating Instructions	0
4.7	Start-up ·····	0
4.2	Selection of Counting Mode ·····	0
	4.2.1 Single Currency Counting Mode	· O
	4.2.2 Automatic Recognition Mode	. 1
	4.2.3 Multi-currency Counting Mode	- 13
	4.2.4 Non-Volatile Memory for Currency Mode	- 1.
4.3	Counting Function Options ·····	- 13
	4.3.1 Automatic Banknote Counting	- 1.
	4.3.2 SN Reading	. 74
	4.3.3 Batch Setting	. 72
	4.3.4 Accumulation	.](
	4.3.5Face Function	.](
	4.3.6Orient Function ·····	. 76
4.4	4.Counting Speed Setting ······	- 17
4.5	S.Check Detail of Counting ·····	
	4.5.1 Check the Serial Numbe	- 18
4.6	5.Print Information ·····	
	4.6.1 Printer prints banknote data ·····	
	4.6.2 Data transfer to PC	
	7.CFD Level ·····	
	3.Face Function ·····	
4.9	ORI Function ····	2

5.0. Menu Setting	21
5.1. Service Menu ·····	22
5.1.1 Read Sensor Values ·····	23
5.1.2 CIS Calibration ·····	23
5.1.3 MG/MT Waveforms	24
5.1.4 Password Setting ·····	24
5.1.5 Auto Diagnostic ·····	25
5.1.6 PCS Counted and Reset	26
5.1.7 Acquire CIS image ·····	26
5.1.8 Detection Level	
5.1.9 IP Address	
5.1.10 Back to Default setting	
5.1.11. Back to Default setting	
5.2 Version Information ·····	
5.3 Time Setting ·····	
5.4 Language Selection	29
6.0. Software Upgrade	····· 3C
7.0. Maintenance	32
8.0. Technical Parameters	33
9.0 Fcc caution	34

1.0 Machine Overview



Figure 1 - 1 IMC01 Front Diagram



Figure 1 - 2 IMC01 Back Diagram

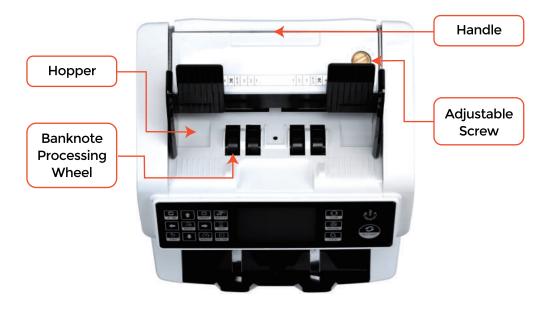


Figure 1 - 3 IMC01 Top Diagram



Figure 1 - 4 IMC01 Side Diagram

Support: +1 650 206 2250 Page 01 Support: +1 650 206 2250 Page 02

2.0 Packing Open and Installation

2.1 Packing List

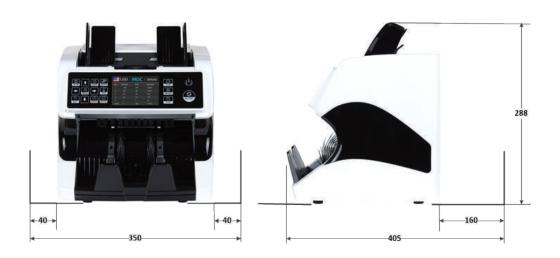
When you receive the package, open and check the packing list in the package.

Table 2-1 Packing List

Item Name	Picture	Quantity (pcs)	Description
Banknote Counter		1	Mixed denomination Banknote counter
External Display		1	External LED display screen with RJ12 cable
		1	Power supply cable of American standard
Power Cable		1	Power supply cable of European standard
		1	Power supply cable of United Kingdom's standard
Banknote Guiders		2	Install at the hopper
CIS Calibration Paper	77	1	Used for the CIS calibration
Nylon Brush	IIICE	1	Clean the machine
Soft cleaning Cloth		1	Clean the CIS or the other sensors
Fuse		1	The backup fuse for the power protection
USB flash drive	TOTAL STATE OF THE	1	USB flash drive with IMC01 manual and troubleshooting video
User Manual		1	

2.2 Installation and Use Location

As shown in figure 2-1, please stay away from the surrounding walls and reserve sufficient operation space for placement of banknotes, opening or closing of the cover plate, as well as for maintenance.



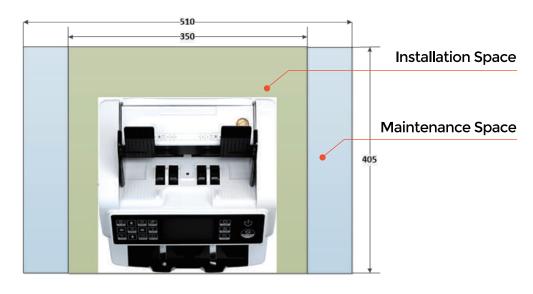


Figure 2-1 Installation and use location

2.3 Installation Instructions

2.3.1 Installation Warnings

- (1) This machine is specially designed for indoor use. Please do not install or use it outdoors.
- (2) Please do not install it in place that cannot bear the weight of this product or in places that are inclined or uneven.
- (3) Do not use the machine in a humid environment, and keep your hands dry to handle banknotes.

2.3.2 Power Supply Connection

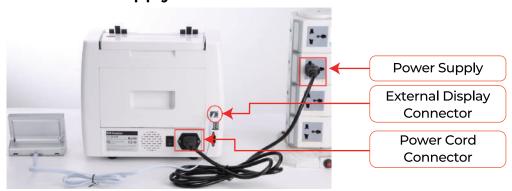


Figure 2-2 Power and External Display Connection

2.3.3 Banknote Guider Installation





Figure 2-3 Banknote Guider

Notice: Please install the banknote guiders before using the IMC01, otherwise the IMC01 may report an error during the banknote counting process.

3.0 Display and Operation Interface

3.1 Display Appearance



Figure 3-1 Display Appearance

3.2 Operational Instructions for Function Keys



Auto on key, to switch on/off the automatic operation. Auto: automatically counting as long as there is banknote on the hopper. Manual: manually counting by press the restart key.









Direction keys.



Print key, to print the counted banknotes information.



Batch key, to select the batch number.



Menu key: Long press to enter the menu interface and hear a beep sound.



Add key, to switch on/off the accumulation function.



Return key, to return to the previous interface.



Speed key, to select the different available counting speeds.



Detail key, to check the detail counted information.



Currency key, to select the one of currency, auto recognition or multi-currency mode for counting.



Mode key, to select CNT mode, SDC mode or MDC mode for counting.



CFD level key: long press to select the counterfeit detection sensitivity level



Restart key, to start counting, or to start other operations.



Power key, long press to enter the standby mode or resume to the working mode

3.3 Display Interface



Figure 3-2 Main Display Interface

4.0 Operating Instructions

4.1 Start-up

Turn on the switch after connecting the machine to power supply. First, the machine enters the self-checking interface, as shown in Figure 4-1.



Figure 4-1 Self-checking Interface

Please wait patiently for about 20 seconds, and the machine will spin the banknote processing wheel several times to conduct a self-check, and then enter the main interface as shown in Figure 4-2.



Figure 4-2 Counting Ready State Interface

Support: +1 650 206 2250 Page 07 Support: +1 650 206 2250 Page 08

4.2 Selection of Counting Mode

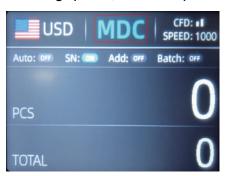
4.2.1 Single Currency Counting Mode

After the machine is turned on, the flag & currency graphic appears in the upper left corner, indicating that the machine is in the current currency counting mode.

The default mode is MDC mode. By pressing the key of the control panel, three counting modes can be cyclically switched, and the 3 counting modes will be cyclically switched according to MDC-CNT-SDC sequence.

4.2.1.1 MDC Mode

As shown in Figure 4-3, the IMC01 is in MDC mode. In this mode, the IMC01 will count the banknotes of all denominations of the selected currency, and save the detail information of the counted banknotes at the same time, including the total amount and the total number of the banknotes in stacker, so as to facilitate users to check. In this mode, the IMC01 has 2 counting speed (800/1000 pcs/min) options.



Auto: OFF SN: ON Add: OFF Batch: OFF

PCS 24

TOTAL

Figure 4-3 Initial Interface of MDC Mode

Figure 4-4 Interface after MDC Counting

4.2.1.2 SDC Mode

As shown in Figure 4-5, the IMC01 is in SDC mode. In this mode, the IMC01 will count the banknotes of the same denomination of the selected currency with the first banknote counted as a reference, and save the detail information of the counted banknotes at the same time, including the total amount and the total number of the banknotes in stacker, so as to facilitate users to check. In this mode, the IMC01 has 2 counting speed (800/1000/min) options.





Figure 4-5 Initial Interface of SDC Mode

Figure 4-6 Interface after SDC Counting

You can use this function to sort the mixed bill manually.

4.2.1.3 CNT Mode

As shown in Figure 4-7, the IMC01 is in CNT mode. This mode does not limit the currency, and only count the number of banknotes. It only works with double note detection function and no other counterfeit detection function. In this mode, the IMC01 has 4 counting speed (800/1000/1200pcs/min) options.



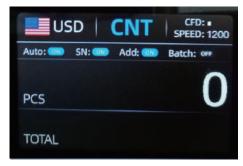


Figure 4-7 Initial Interface of CNT Mode

Figure 4-8 Interface after CNT Counting

Note:In the MDC and SDC mode, the IMC has the functions of image acquisition, magnetic detection, ultraviolet detection and double note detection. While in the CNT mode, there is only a double note detection function.

4.2.2 Automatic Recognition Mode

In the process of counting banknotes, the IMCO1 uses the first banknote passing through the sensor as the judgment rule to recognize the banknotes of all denominations of the same currency. When banknotes of other currencies are recognized, the machine will alarm and stop. At this time, banknotes from other currencies need to be taken out, and the machine will continue counting. The machine can only recognize all of the currencies displayed in the currency selection interface.





Figure 4-9 Currency Selection Interface

Figure 4-10 Auto Recognition Counting Interface

Press the key , the currency selection interface is shown as Figure 4-9. Move the cursor to 'AUTO' by direction key (the default option is 'AUTO'), and then press the menu key, the display screen will be automatically adjusted to the main interface, as shown in the Figure 4-10.

Example: Put a handful of USD into the IMC01 hopper to count. The interface of the IMC01 displays as Figure 4-11 at the end of counting. The currency in the upper left corner is identified as USD.



Figure 4-11 USD Counting Result

Take out the USD in the stacker, and then put the EUR into the machine to count. The display screen is showed as Figure 4-12.



Figure 4-12 EUR Counting Result

4.2.3 Multi-currency Counting Mode

Multi-currency Mix Counting: Banknotes of multiple currencies are mixed together and put into the IMC01 to count. The IMC01 can recognize all the first 4 currencies displayed on the currency selection interface.

As shown in Figure 4-9, press the key to select 'MULT' shown in Figure 4-13, and then press the menu key , the display screen will be automatically adjusted to the main interface, as shown in the Figure 4-14.





Figure 4-13 Multi-Currency Selection

Figure 4-14 Multi-currency Counting Mode

Note: Only MDC mode is effective in the Multi-currency mode.

Example: Put a handful of banknotes (including USD, EUR, CAD, MXN) into the IMC01 hopper to count. The interface of the IMC01 displays as Figure 4-15 at the end of counting.



Figure 4-15 Multi-currency MDC Counting Result

4.2.4 Non-Volatile Memory for Currency Mode

The currency mode setting is non-volatile. For example, if you set multi-currency counting mode before power down the IMC01, next time the IMC01 is in multi-currency counting mode after power on. It is very convenient that you don't need to reselect the currency every time you power on the IMC01.

4.3 Counting Function Options

4.3.1 Automatic Banknote Counting

Press the key to enable or disable the automatic banknote counting in the main interface.

The default setting of automatic counting is on. Every time the IMC01 resets, the setting will be reset to be on state.

As shown in Figure 4-16, pressing the key is needed every time when you put banknotes in the hopper to start counting.



Figure 4-16 Auto Banknote Detecting Off

4.3.2 SN Reading

The key is used to enable or disable the SN reading function in the main interface. The default setting of SN reading is on. Every time the IMC01 resets, the setting is reset to be on state.

4.3.3 Batch Setting

Press the key to select the batch number in the banknote counting interface, the screen display is shown in Figure 4-17. By pressing the key of the control panel, the batch number will be cyclically switched according to 100-50-0 sequence.

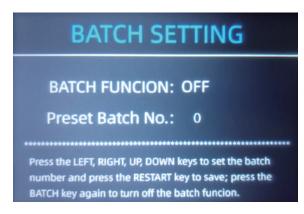


Figure 4-17 Batch Setting Interface

The batch number will be increased by 10 by pressing the key , or decreased by 10 by pressing the key until it becomes 0. And it will be increased by 1 by pressing the key , or decreased by pressing the key .

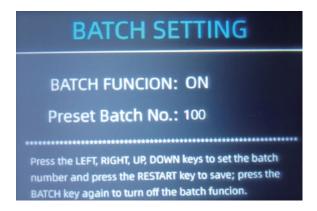


Figure 4-18 Batch Setting Interface

Press the key to return to the main interface if you confirm the batch number.



Figure 4-19 Batch Number Indicator

Note: the stacker maximum capacity is 200 bills, so the machine will automatically pause when the stacker reaches 200 bills, so the batch number should be less to 200.

4.3.4 Accumulation

Press to enable the accumulation function.

4.3.5 Face Function

This function is available by pressing the FACE key in SDC mode until "FACE" is displayed on the main screen.

It allows the user to sort the banknotes based on whether they are loaded into the hopper face up or face down. This first note in the hopper determines the sorting and counting orientation. If the first note through the machine is face up, all notes in the hopper that are face up will end up in the stacker, and the other notes will end up in the reject pocket. Total number and value will be displayed on the main screen.

4.3.6 Orient Function

This function is available by pressing the ORI key in SDC mode until "ORI" is displayed on the main screen. This function allows the user to count and sort the notes by one of 4 orientations. The fist note in the hopper determines the counting orientation. Any time a note passes through the machine and does not conform to the orientation determined by the first note, the machine will reject this note into the reject pocket. Total amount and number of the notes will be displayed on the home screen.

4.4 Counting Speed Setting

There are three counting speed options: 1200, 1000 and 800 (Note: 1200 are the only optional in CNT mode). The default speed is 1000 in three modes. If setting is required, different counting speed can be switched by pressing the key in any counting mode.



Figure 4-20 IMC01 Speed Indicator

4.5 Check Detail of Counting

In the MDC or SDC mode, press the key upon the completion of counting to enter the interface shown in the following figure to check the details of counting.

	USD	MDC	Details
No.	Denom	PCS	Amount
1	100	5	500
2	50	1	50
3	20	5	100
4	10	4	40
5	5	4	20
6	2	0	0
7	1	5	5
TOTAL		24	715

Figure 4-21 Detail Denomination Information

4.5.1 Check the Serial Number

As shown in Figure 4-22, if the SN reading is on, press the key again, the banknote's serial number will be shown in the following figure.



Figure 4-22 Serial Number Information

4.6 Print Information

4.6.1 Printer prints banknote data

When the external printer has been connected and can be printed, after counting, press the key to enter the print interface shown in Figure 4-23, and then press the key, the printer starts print.





Figure 4-23 Printer Interface

Figure 4-24 Start Printing

4.6.2 Data transfer to PC

The data is transmitted to the computer for display through the DB9 serial cable.

(1)Use the DB9 serial cable to connect the IMC01 to the computer, then turn on the computer.

(2)Open the serial port tool (such as RS232 Hex Com Tool), select the serial port corresponding to the IMC01, and set the baud rate to 9600, as shown in the figure below.

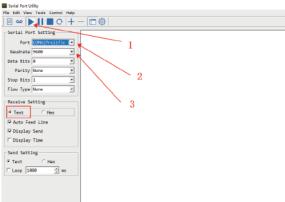


Figure 4-25 The serial port tool settings

(3)Click the "PRINT" button of IMC01, and then click the "RESTART" button, IMC01 will transmit the data to the serial port tool, as shown in the figure below.

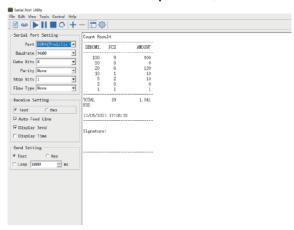


Figure 4-26 The serial port tool settings

This is a tutorial video link for transferring IMC01 data to a computer: http://munbyn.biz/DatatransfertoPC

4.7 CFD Level

There are 3 adjustable CFD levels. By long pressing the key, the CFD level graphic appearing in the upper right corner will change.



Figure 4-27 CFD Level

Note: CFD level 0, means no counterfeit detection, the most strictly detection is level 3.

4.8 Face Function

To turn on the Face Function by long pressing the key until a beep sound, as shown in the following figure.

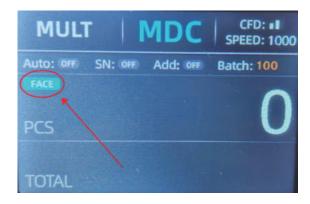


Figure 4 -28 Face Function

Note: After turning on the "Face" function, the banknote counter will automatically stop and alarm when it detects that the face of the banknote is different from the previous banknote.

4.9 ORI Function

To turn on the Face Function by long pressing the key until a beep sound, as shown in the following figure.

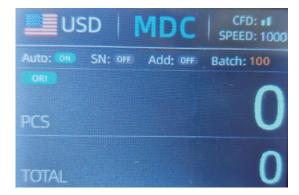


Figure 4-29 ORI Function

Note: After turning on the "ORI" function, the banknote counter will automatically stop and alarm when it detects that the side of the banknote is different from the previous banknote.

5.0 Menu Setting

To enter the menu interface by long pressing the key until a beep sound, as shown in the following figure.

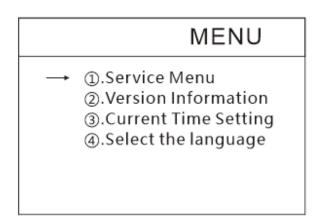


Figure 5-1 Menu Interface

5.1 Service Menu

Press the key to enter service menu, you will be requested to input a password with the following interface. The default password is 9999.

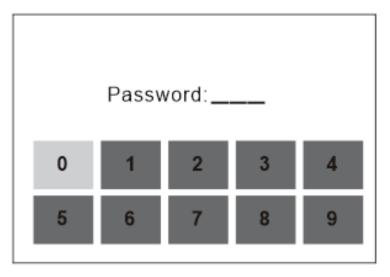


Figure 5-2 Password Interface

After input the password, the interface showed in Figure 5-3 will be displayed. Use the cursor to select with sub-menu you want to enter, and press MENU button to confirm, and press ESC button to quit.

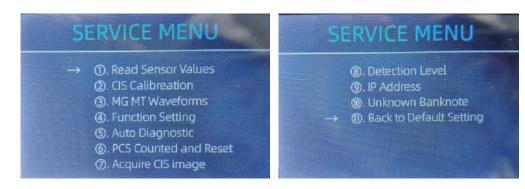


Figure 5-3 Service Menu

5.1.1 Read Sensor Values

1	:PS1L VALUE	0.107V
2	:PSIR VALUE	0.110V
3	:STACKER VALUE	0.099V
4	:HOPPER H VALUE	0.113V
5	:HOPPER L VALUE	0.091V
6	:UV R VALUE	0.051V
7	:UV L VALUE	
I		

Figure 5-4 Sensor Values

As shown in Figure 5-4, the sensors values are only for engineer to check whether any sensor has a malfunction. If you meet any problem about use, please take a photo of this page and contact us.

5.1.2 CIS Calibration

1.Clear CIS 2.Put the white paper 3.Press the START Button

Figure 5-5 CIS Calibration Steps

If you meet cases about banknote detection errors, please try to calibrate the CIS. The CIS calibration steps are shown in Figure 5-5. For more detail instruction, we recommend you to see the maintenance manual or watch the video: https://bit.ly/2C17fom.

5.1.3 MG/MT Waveforms

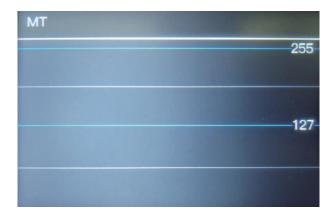


Figure 5-6 MG/MT Waveforms

5.1.4 Function Setting

To enter the Function Setting interface by press the the following figure.



key, as shown in

Use the cursor to select with sub-menu you want to turn on/off, and press MENU button to confirm, and press ESC button to guit.

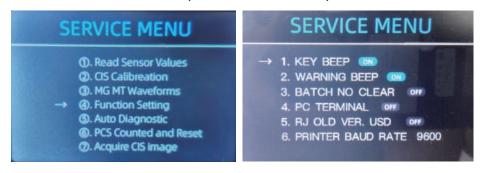


Figure 5-7 MG/MT Waveforms

5.1.4.1 KEY BEEP

Move the cursor to the KEY BEEP option, press the MENU button to turn on or off the key beep.

5.1.4.2 WARNING BEEP

Move the cursor to the WARNING BEEP option, press the MENU button to turn on or off the warnning beep.

5.1.4.3 BATCH NO CLEAR

After turning on this setting, the data of the previous batch will not be clear, and will be accumulated to the next batch.

5.1.4.4 PC TERMINAL

This feature is still in internal testing.

5.1.4.5 RJ OLD VER. USD

After enabling this function, the old version of banknotes will be rejected and it is not recommended to enable it.

5.1.4.6 PRINTER BAUD RATE

Switch the baud rate of the IMC01 serial port to 9600 or 115200.

5.1.5 Auto Diagnostic

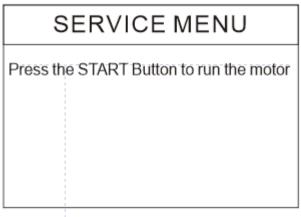


Figure 5-8 Auto Diagnostic

This is for production and professional servicing purpose.

5.1.6 PCS Counted and Reset

SERVICE MENU

The total count PCS

008

Press START Button to clear

Figure 5-9 PCS Counted and Reset

This is to tell you the total quantity of counted bills in this counter since last time clearing to zero.

5.1.7 Acquire CIS image

SERVICE MENU

Press Up arrow button to get Up CIS image

Press DOWN arrow button to get down CIS image

Figure 5-10 Acquire CIS Image

This is for servicing purpose.

5.1.8 Detection Level

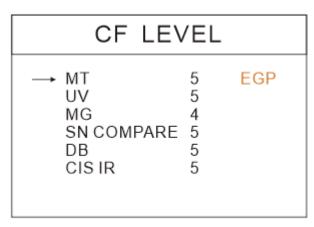


Figure 5-11 CF Level

As shown in Figure 5-11, you can use the left and right direction key to select, and up and down direction key to change the sensitivity levels. The currency code in the right part is indicating for which currency you are operating.

Note: Please do not change without communicating with us.

5.1.9 IP Address

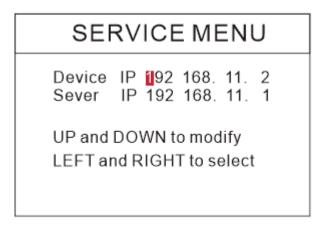


Figure 5-12 IP Setting

This is only for engineering use.

5.1.10 Unknown banknote

This is for production and professional servicing purpose.

5.1.11 Back to Default setting

As shown in Figure 5-13, press the menu key to reset all of the settings you changed before.

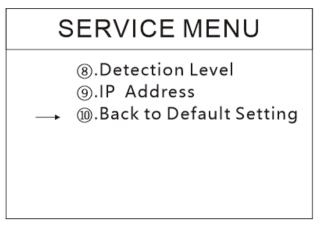


Figure 5-13 Back to the Default Setting

5.2 Version Information

VERSION Main: 2. 0 02021000 Image: 3. 0 FPGA: 03C00210 HW: CIS09C4:sxc ID: 30 :30 :89 :C :2A: B6 :E7 :A7

Figure 5-14 Version Information

You are available to check the version information.

5.3 Time Setting

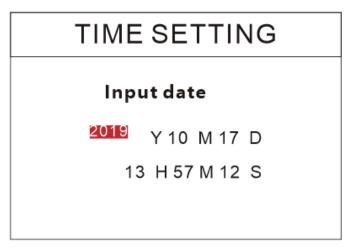


Figure 5-15 Time Setting

As shown in Figure 5-15, you can set the date or time according to your preference.

5.4 Language Selection

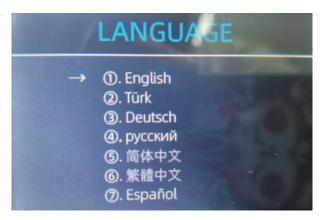


Figure 5-16 Language Selection

You are available to set the language you like.

6.0 Software Upgrade

USB Flash Drive upgrade method is adopted for the software upgrade of this product. Please upgrade the software according to the following steps.

- (1) The upgrade file needs to be moved to the root directory of the USB Flash Drive. (please do not change the file name or format of the upgrade file, and there cannot be two or more upgrade files in the root directory of the USB Flash Drive)
- (2) Insert the USB Flash Drive into the USB interface at the rear of the machine. Make sure the power is off before insert the USB Flash Drive.



Figure 6-1 USB Upgrade Port

(3) Turn on the IMC01, and the machine will automatically recognize the upgrade file. Upon successful recognition, the machine will read the file first.



Figure 6-2 Upgrade File Reading

(4) And program the file to the IMC01.

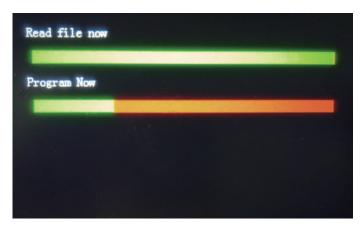


Figure 6-3 Program the Upgrade File

(5) After finish the programming, unplug the USB Flash Drive and turn off the machine.

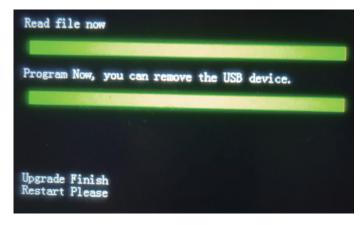


Figure 6-4 Program Finish

(6) Turn on the machine to enter the main interface. Software upgrade has been finished.

7.0 Maintenance

After starting the machine, it will go on self-check automatically. If the preset window shows the error code or tell you to clean the sensors, generally speaking, it is because of dust on the surface or sensor blocked by notes. So please clear the dust on the surface with brush or soft cloth, or take the notes away. Then restart the machine.

For more troubleshooting methods, please refer to the IMC01 maintenance manual.

Support: +1 650 206 2250 Page 31 Support: +1 650 206 2250 Page 32

8.0 Technical Parameters

Table 8-1 Technical Parameters

Counterfeit Detection Image (2 CIS Sensors), Magnetic, Infrared, Ultraviolet Error Detection Double note detection, half note detection, chain note detection Available currencies EU/UK version: USD, EUR, CAD, MXN, GBP Coptions Thermal printer connection Interfaces RS-232, 2 × USB, RJ12 LCD Display 3.5 inches TFT LCD display, 320×480 Keypad Touch panel keypad Hopper Capacity 500 bills Stacker Capacity 200 bills Counting Speed 800, 1000 pcs/min (MDC & SDC MODE) Size of Countable Notes 50x110 ~ 90x190 mm Thickness of Countable Notes 50x10 ~ 90x190 mm Thickness of Countable Notes 0.075 ~ 0.15 mm Power Consumption \$80W Power Supply AC 100V-240V,50-60Hz Dimension 270 × 245 × 288 mm		
thain note detection Available currencies US/CA version: USD, EUR, CAD, MXN, GBP EU/UK version: EUR, USD, GBP, CHF, PLN, SEK, NOK, DKK Options Thermal printer connection Interfaces RS-232, 2 × USB, RJ12 LCD Display 3.5 inches TFT LCD display, 320×480 Keypad Touch panel keypad Hopper Capacity 500 bills Stacker Capacity 200 bills Stacker Capacity 800, 1000 pcs/min (MDC & SDC MODE) 800, 1000, 1200 pcs/min (CNT MODE only) Size of Countable Notes Thickness of Countable Notes 0.075 ~ 0.15 mm Power Consumption \$80W Power Supply AC 100V-240V,50-60Hz Weight	Counterfeit Detection	Image (2 CIS Sensors), Magnetic, Infrared, Ultraviolet
Available currencies US/CA version: USD, EUR, CAD, MXN, GBP EU/UK version: EUR, USD, GBP, CHF, PLN, SEK, NOK, DKK Options Thermal printer connection Interfaces RS-232, 2 × USB, RJ12 LCD Display 3.5 inches TFT LCD display, 320×480 Keypad Touch panel keypad Hopper Capacity 500 bills Stacker Capacity 200 bills 800, 1000 pcs/min (MDC & SDC MODE) 800, 1000, 1200 pcs/min (CNT MODE only) Size of Countable Notes Thickness of Countable Notes 0.075 ~ 0.15 mm Power Consumption \$80W Power Supply AC 100V-240V,50-60Hz Weight	Error Detection	
EU/UK version: EUR, USD, GBP, CHF, PLN, SEK, NOK, DKK Options Thermal printer connection Interfaces RS-232, 2 × USB, RJ12 LCD Display 3.5 inches TFT LCD display, 320×480 Keypad Touch panel keypad Hopper Capacity 500 bills Stacker Capacity 200 bills Stacker Capacity 200 bills 800, 1000 pcs/min (MDC & SDC MODE) 800, 1000, 1200 pcs/min (CNT MODE only) Size of Countable Notes 50x110 ~ 90x190 mm Thickness of Countable Notes 0.075 ~ 0.15 mm Power Consumption ≤80W Power Supply AC 100V-240V,50-60Hz Weight		
Interfaces RS-232, 2 × USB, RJ12 LCD Display 3.5 inches TFT LCD display, 320×480 Keypad Touch panel keypad Hopper Capacity 500 bills Stacker Capacity 200 bills Counting Speed 800, 1000 pcs/min (MDC & SDC MODE) 800, 1000, 1200 pcs/min (CNT MODE only) Size of Countable Notes 50x110 ~ 90x190 mm Thickness of Countable Notes 0.075 ~ 0.15 mm Power Consumption ≤80W Power Supply AC 100V-240V,50-60Hz Weight 6.5 kg	Available currencies	EU/UK version: EUR, USD, GBP, CHF, PLN, SEK, NOK, DKK
LCD Display 3.5 inches TFT LCD display, 320×480 Keypad Touch panel keypad Hopper Capacity 500 bills Stacker Capacity 200 bills 800, 1000 pcs/min (MDC & SDC MODE) 800, 1000, 1200 pcs/min (CNT MODE only) Size of Countable Notes 50x110 ~ 90x190 mm Thickness of Countable Notes 0.075 ~ 0.15 mm Power Consumption ≤80W Power Supply AC 100V-240V,50-60Hz Weight 6.5 kg	Options	Thermal printer connection
Keypad Touch panel keypad Hopper Capacity 500 bills Stacker Capacity 200 bills Boo, 1000 pcs/min (MDC & SDC MODE) 800, 1000, 1200 pcs/min (CNT MODE only) Size of Countable Notes 50x110 ~ 90x190 mm Thickness of Countable Notes 0.075 ~ 0.15 mm Power Consumption ≤80W Power Supply AC 100V-240V,50-60Hz Weight 6.5 kg	Interfaces	RS-232, 2 × USB, RJ12
Hopper Capacity Stacker Capacity 200 bills 800, 1000 pcs/min (MDC & SDC MODE) 800, 1000, 1200 pcs/min (CNT MODE only) Size of Countable Notes 50x110 ~ 90x190 mm Thickness of Countable Notes 0.075 ~ 0.15 mm Power Consumption ≤80W Power Supply AC 100V-240V,50-60Hz Weight	LCD Display	3.5 inches TFT LCD display, 320×480
Stacker Capacity 200 bills 800, 1000 pcs/min (MDC & SDC MODE) 800, 1000, 1200 pcs/min (CNT MODE only) Size of Countable Notes 50x110 ~ 90x190 mm Thickness of Countable Notes 0.075 ~ 0.15 mm Power Consumption ≤80W Power Supply AC 100V-240V,50-60Hz Weight	Keypad	Touch panel keypad
Counting Speed 800, 1000 pcs/min (MDC & SDC MODE) 800, 1000, 1200 pcs/min (CNT MODE only) Size of Countable Notes 50x110 ~ 90x190 mm Thickness of Countable Notes 0.075 ~ 0.15 mm Power Consumption ≤80W Power Supply AC 100V-240V,50-60Hz Weight 6.5 kg	Hopper Capacity	500 bills
Counting Speed 800, 1000, 1200 pcs/min (CNT MODE only) Size of Countable Notes 50x110 ~ 90x190 mm Thickness of Countable Notes 0.075 ~ 0.15 mm Power Consumption ≤80W Power Supply AC 100V-240V,50-60Hz Weight 6.5 kg	Stacker Capacity	200 bills
800, 1000, 1200 pcs/min (CNT MODE only) Size of Countable Notes 50x110 ~ 90x190 mm Thickness of Countable Notes 0.075 ~ 0.15 mm Power Consumption ≤80W Power Supply AC 100V-240V,50-60Hz Weight 6.5 kg	Counting County	800, 1000 pcs/min (MDC & SDC MODE)
Thickness of Countable Notes 0.075 ~ 0.15 mm Power Consumption ≤80W Power Supply AC 100V-240V,50-60Hz Weight 6.5 kg	Counting Speed	800, 1000, 1200 pcs/min (CNT MODE only)
Power Consumption ≤80W Power Supply AC 100V-240V,50-60Hz Weight 6.5 kg	Size of Countable Notes	50x110 ~ 90x190 mm
Power Supply AC 100V-240V,50-60Hz Weight 6.5 kg	Thickness of Countable Notes	0.075 ~ 0.15 mm
Weight 6.5 kg	Power Consumption	≤80W
	Power Supply	AC 100V-240V,50-60Hz
Dimension 270 × 245 × 288 mm	Weight	6.5 kg
	Dimension	270 × 245 × 288 mm

9.0 Fcc caution

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Any Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.

This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- -Reorient or relocate the receiving antenna.
- -Increase the separation between the equipment and receiver.
- -Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- -Consult the dealer or an experienced radio/TV technician for help.

IMC01 online FAQ and how-to video:

https://munbyn.biz/imc01hp





Scan the QR code for Facebook and WhatsApp online chat

Contact us

Email: support@munbyn.com Whatsapp: +86-181 4489 8200

Phone: +1 650 206 2250

If you meet any problem during using the IMCO1, please contact us.

Page 35