# Cassida®PRO



S3 3-Pocket Currency Sorter





**Battery Warning:** (1) Keep out of the reach of children. Swallowing may lead to serious injury or death in as little as 2 hours due to chemical bums and potential perforation of the esophagus. See a doctor immediately and ask them to call (202) 625-3333. Keep in original package until ready to use. Dispose of used batteries immediately.

(2) Risk of injury due to fire, explosion or leakage. Do not disassemble, charge, crush or expose to fire or high temperatures. California Only: Perchlorate material - special handling may apply.

**California Proposition 65 Warning:** This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

Warning: Moving parts present. May cause serious injury to hands or fingers.

In the event of incorrect operation or care of the unit, the manufacturer is not responsible for damage caused to the unit or the operator. Cassida is not liable for damages resulting from use of the unit for purposes other than for the intended purpose without prior written consent from Cassida. Modifications made to the unit by persons other than Cassida or its authorized contractor/subcontractor are strictly prohibited. Any damages resulting from the unauthorized modification of the unit are not the responsibility of Cassida. For proper installation and/or transport of the unit, please consult an authorized Cassida distributor or sales representative.

#### Please Note:

- The contents of this manual are subject to change without notice.
- While every effort has been made to include all the features and functionality of your unit, specifications stated in this manual may not reflect all the features of software updates. You may encounter differences in operation or functionality of your unit.
- No part of the manual may be reproduced for commercial purposes without prior written consent from Cassida.
- Due to power and safety specifications, this product has been developed for use in specific countries as described in the specifications. Use in unspecified countries is prohibited.
- This equipment has been tested and complies with the limits to a Class A digital device, pursuant to Part 15 of the FCC Rules.

If you have questions about the operation of the Cassida Pro \$3, please contact your Cassida licensed reseller or refer to Cassida's user portal at **www.CassidaPro.com**.

# **IMPORTANT SAFETY INSTRUCTIONS**

When using this unit, basic safety precautions should always be observed including:

- Read this manual in its entirety.
- Do not use in areas that could expose the unit to water or other liquids.
- Install on a flat surface.
- Do not use in areas exposed to high temperature, humidity or smoke.
- For indoor use only.
- Store and operate the unit in a well ventilated environment, and away from direct sunlight, high intensity lighting and magnetic fields that could interfere with suspect bill sensors.
- Do not touch moving parts during operation.
- Keep foreign objects paper clips, staples, etc. away from moving parts or from falling into the unit.
- Operate using a surge suppressor or power conditioner. When not in operation for extended periods of time, disconnect the power cord from the wall outlet.
- Prior to and during cleaning, unplug the unit from the wall. Follow the cleaning instructions and maintenance schedule contained in this manual.
- Do not service your unit. Contact your authorized Cassida technician, distributor or sales representative for technical assistance.

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## 

#### 1.1 About the Cassida Pro S3

Thank you for choosing the most innovative 3-pocket currency sorter, the Cassida Pro \$3. The \$3 is a professional grade, high performance value counter and sorter combined with the industry's leading suspect counterfeit currency detection technology.

Ergonomic with a convenient and intuitive control panel, Cassida Pro \$3 features numerous counting modes and professional detection. Its small footprint makes the S3 a welcome addition to the limited space of any exchange office.

Adaptive and easy-to-use, the Cassida Pro S3 can be used for a number of applications including bank branches, casinos, high cash volume retailers, cash centers, exchange offices, and in high-cash transaction environments.

#### 1.2 Box Contents

- Cassida Pro S3 Low Profile 3-Pocket Currency Fitness/Sorter
- Power Cord
- Calibration Sheets .
- User Manual ٠
- Cleaning Brush ٠
- Desiccant Packet ٠
- Fuse

## 1.3 Views of the Cassida Pro S3



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#### 1.4 Control Panel Overview



#### 1.5 Display Overview



#### 1.6 Glossary of Terms

Bills:	Refers to any currency or denomination to be counted.
Hopper:	Location where user places bills to be counted.
IR:	May refer to either the S3 infrared sensors, or infrared features built into modern currencies.
MG:	May refer to either the S3 magnetic sensors, or magnetic features built into modern currencies.
Pocket:	Locations where sorted bills pass to.
Reject:	A bill that either is flagged as a suspected counterfeit note or a note which cannot be identified or read by the S3 due to wear, soiling, wrinkling, tearing, or various other blemishes.
Stacker:	The pocket to which accepted genuine bills are passed.
Strap:	A user-determined quantity of bills to be bundled or batched together.
Suspect:	Bills which are rejected as suspect are flagged by the S3, for absent, different, or indeterminable counterfeit features.
UV:	May refer to either the S3 ultraviolet sensors, or ultraviolet features built into modern currencies.

# 2. OPERATION

Before operating the machine, please install the hopper guides.

#### 2.1 Getting Started

Connect power cable NEMA 5-15 plug in to a grounded AC Mains. Connect the IEC 320 C13 end to the Power inlet in the back of the machine (Refer to 1.3. for reference), making sure that the hopper is empty. Turn the power on by engaging the power switch located on the back of the machine. Upon a short boot-up and self-test, the main screen will become active, and the unit is ready for operation.

#### 2.2 Loading Bills

Before loading bills into the S3, ensure the desired currency and operation modes are selected. Proper alignment of bills into the hopper reduces feed errors, jamming, and identification reject errors caused by misaligned bills. Bills should be stacked neatly prior to loading, and placed between the hopper bill guides at the center of the hopper.

Avoid counting bills that are wet, excessively dirty, folded, curled or otherwise misshapen. Ensure no objects are present within the bills being loaded, including coins, paper clips, rubber bands or any other foreign materials. These objects will damage the S3 and cause failures.

#### To Reduce Rejects:

- Place the bills evenly arranged as shown below.
- Adjust bill guides to fit to the size of the bills.
- Correct the bills if they are severely wrinkled or damaged.



#### 2.3 Currency Selection

Press **CUR** key to select the desired currency.



Press the up and down arrows to navigate to desired currency and press enter to select. The S3 will save your selection.

+1	Select the Currency USD MXN CAD	Page Up
	EUR AUTO MULT	Enter
Clear		Return

#### 2.4 Operational Modes

When the **"Mode"** button is pressed, the operation mode is activated. Press **"Mode"** to switch among modes until the desired mode appears.

(Note: Note: Add	Stacker 1 Reverse Side	100 pcs 1000	
Batch	Stacker 2 Front Side	100 PCS 1000	Face
Function	TOTAL	200 pcs 2000	Fitness
CUR	SN OFF ATM: 7 B1: USD Circ: 5 B2:	100 2024-11-07 Rej: 100 08:29 S	0 5D Report

#### Mix Mode

In **Mix** mode, the machine counts all the bills of the same currency regardless of denomination changes. The bills are first sent to the Stacker 2. Once Stacker 2 is full or reaches the strap number set, then the bills from the hopper will be sent to Stacker1.

After finishing the count, the total value and the total number of genuine notes are shown on the display. If there are any, the number of rejected notes will also show.

Add	Stacker 1	O pcs O val	
Batch	Stacker 2 Unlimited Deno	0 PCS 0 VAL	
Function	TOTAL	O PCS O VAL	Fitness
CUR	SN: ON ATM: 7 B1: USD Circ: 5 B2:	100 2024-11-07 Rej: 0	) D Report

#### • Single Mode

Bills are sorted by denomination. In the default configuration, the bills with the denomination first detected genuine bill are first sent to the Stacker 2. Once stacker 2 is full or reaches the strap number set, then bills from the hopper will be sent to the Stacker1.

NOTE: In Single Mode, Stacker 1 and Stacker 2 can accommodate different denominations.



#### Version Mode

Bills are sorted by version. In default configuration, bills with the version of the first detected genuine note are first sent to the Stacker 2. Once Stacker 2 is full or reaches the strap number set, then the bills from the hopper will be sent to Stacker 1.

Add	Stacker 1 Unlimited Deno	O pcs O val	Version
Batch	Stacker 2 <sup>Unlimited Deno</sup> TOTAL	0 PCS 0 VAL 0 PCS 0 VAL	
CUR	SN: ON ATM: 7 B1: USD Circ: 5 B2:	100 2024-11-07 Rej: C 100 08:30 SE	Fitness Report

#### Count Mode

In the mode, the machine counts every kind of bills, paper or any other appropriate media.



NOTE: When the display shows "Stacker Batch Full," please remove notes from the stacker. For additional instructions, refer to section "3.1 Stacker Configuration."

#### 2.5 Face and Orientation Sorting

When **"Face"** key is pressed, the **Face** mode is activated. This mode allows the S3 to sort notes based on the front face of the note. It ensures that all notes are facing the same direction, with the front side facing up or down.

(O) Add	Stacker 1 Reverse Side	100 pcs 1000	Mode
Batch	Stacker 2 Front Side	100 PCS 1000	Face
Function	TOTAL	200 pcs 2000	Fitness
	SN_OFF ATM: 7 B1: USD Circ: 5 B2:	100 2024-11-07 Rej: 0 100 08:34 SD	Report

#### Orientation Sorting Mode

Orientation mode focuses on the direction of the note's face - either up or down ensuring all notes are stacked consistently for easy handling. In the default configuration, the up-right genuine bills are sent to the Stacker 2 and up-side down ones are sent to the Stacker 1. All other denominations and suspect bills are sent to the reject pocket.

Add	Stacker 1 Upside Down	100 PCS 1000	Mode
Batch	Stacker 2	100 PCS 1000	Orient
Function	TOTAL	200 PCS 2000	Fitness
CUR	5N ON ATM: 7 B1: USD Circ: 5 B2:	100 2024-11-07 Rej: C	) Report

Face up/Down Sorting Mode

In the default configuration, the face-up genuine bills are sent to Stacker 2 and the face-down bills are sent to Stacker 1. All other denominations and suspect bills are sent to the reject pocket.



#### Face up (front side):

Face down (reverse side):

#### 2.6 Fitness Sorting

When the "Fitness" button is pressed, the fitness sorting mode is activated. This mode allows to sort banknotes based on their condition (or "fitness"). It sorts notes into categories such as fit (good condition) and unfit (damaged, soiled, or otherwise unfit for circulation) to ensure that only notes in acceptable condition are retained, while notes that are damaged or dirty are separated for further handling or disposal. Press "Fitness" to switch among fitness sorting modes until desired mode appears.



#### • Circulation Sorting Mode

Select "**Circ**" to enter circulation sorting mode. In the default configuration, bills suitable for circulation are sent to Stacker 2.

Unfit bills, like soiled, stained, graffiti, torn, repaired, crumpled, limp, folded, corner folded, holed, and de-inked notes will be sent to Stacker 1. Suspect bills are sent to the reject pocket.

Add	Stacker 1 <sub>Dirty+Scrap</sub>	O pcs O val	Mix
Batch	Stacker 2		
Function		0 PCS 0 VAL	Circ
CUR	SN: ON ATM: 7 B1: USD Circ: 5 B2:	100         2024-11-07         Rej:         C           OFF         08:38         St	Report

#### ATM Sorting Mode

Select "**ATM**" to enter ATM sorting mode. In the default configuration, bills suitable for ATM are sent to Stacker 2.

Unfit bills, like soiled, stained, graffiti, torn, repaired, crumpled, limp, folded, corner folded, holed, and de-inked notes will be sent to Stacker 1. Suspect bills are sent to the reject pocket.



NOTE: the fitness sensitivity of circulation/ATM sorting mode can be adjusted. The higher the sensitivity level, the tighter the sorting.

#### Denomination Sorting Mode

Select "**Deno Fitness**" to enter denomination sorting mode. In the default configuration, banknotes with the denomination of the first detected genuine notes are sent to Stacker 2, and banknotes with the denomination of the second detected genuine notes are sent to Stacker 1.

All following denominations and suspicious banknotes are sent to the reject stacker.

()	Stacker 1	O pcs	Mix
Add	Second Deno	O val	
Batch	Stacker 2	0 pcs	-Fasse
	First Deno	0 <sup>val</sup>	of Shit
Function	TOTAL	0 pcs 0 val	Deno Fitness
CUR	SN: ON ATM: 7 B1:	100 2024-11-07 Rej: (	)
	USD Circ: 5 B2:	100 08:40 Si	D Report

#### Version Sorting Mode

Select "Ver Fitness" to enter version sorting mode. In the default configuration, banknotes with the version of the first detected genuine notes are sent to Stacker 2, and banknotes with the second version of the same denomination genuine notes are sent to Stacker 1.

All following denominations and suspicious banknotes are sent to the reject stacker.

Add	Stacker 1 Second Version	O pcs O val	Mix
Batch	Stacker 2 First Version TOTAL	O PCS O VAL O PCS O VAL	Face Othit Ver Fitness
	<u>SN: ON ATM: 7 B1:</u> USD Circ: 5 B2:	100 2024-11-07 Rej: ( 100 08:44 Si	D Report

#### Version Set Sorting Mode

Select "Ver Set Fitness" to enter version set sorting mode. In the default configuration, banknotes with the version set of the first detected genuine notes are sent to Stacker 2. and banknotes with the second version set of the same denomination genuine notes are sent to Stacker 1.

All following denominations and suspicious banknotes are sent to the reject stacker.



#### 2.7 Batch Counting

Batch is a term used to describe a set of bills of a predetermined value or number of bills. A "Batch" in this context refers to the physical strap or band placed around a set of bills as seen often in the banking or retail industry.

• Press "Batch" to enter the batch settings page



- Enter the desired quantity by either using the numerical key pad or by pressing. **"Batch**" on the screen to scroll through the preset batch amounts (100, 50, 20, 10, 5)
- Press Stacker 1 or Stacker 2 to enter batch values.
- Press "OK" to confirm the batch value and exit back to the main menu.
- Press "Return" to go back without making any changes.
- The preset batch value will be shown on the bottom middle portion of the display.

() Add	Stacker 1 Reverse Side	100 pcs 10000	Mode
Batch	Stacker 2 Front Side	100 PCS 10000	Face
Function	TOTAL	200 pcs 20000	Fitness
CUR	SN_OFF ATM: 7 B1: USD Circ: 5 B2:	100 2024-11-07 Rej: 0 100 08:41 S	0 Report

To cancel batch function, enter batch settings, select Stacker then press " $\ensuremath{\text{CE}}$ " followed by " $\ensuremath{\text{OK}}$ "

Largest batch qty can be set to 999.

#### 2.8 Add Function

The Add function on the S3 is used to keep a continuous count through various scans.

- Press "Add" to activate function
- Press "Add" again to turn off and clear count



#### 2.9 Count Report & Reject Information

After the bills are processed, press **"Report"** to view detailed counting result on the Report Details page. This page provides an overview of Stacker 1 and Stacker 2 details based on Denomination, Pieces and Value.

Roport	Repor	t Detai	s ker 1	Stac	ker 7 i	
( neporty	Denom	Pcs	Value	Pcs	Value	Print
$\mathbf{X}$	1				0	
[]	2				0	^
Details	5				0	Page Up
$\square$	10				0	ن ٹ
$\square$					0	
Reject					2500	Page
[,]	100				0	Down
$\equiv$	0	0	0	0	0	
			Т	otal Pcs	: 110	
Return			Tota	al Value	: 2560	Return

Press "**Detail**" button to view All Details page where position of the bills in the stackers, denomination and Serial number are displayed. Page Up/Down buttons can be used to toggle between screens and Stacker detail buttons can be used to further drill down to the count results. Press "**Return**" to exit out to Report details page.

Head	All De	tails			End
Page	NO.	Denom	Serial No.	Pos	[ Page ]
$\sim$	1	1	G75188947G	Stacker1	
K ALL N	2	1	L14231121R	Stacker1	个
Details	3	1	L53538823K	Stacker1	Page Up
$\smile$	4		L14231138R	Stacker1	
	5		L14231106R	Stacker1	
Stacker	6		L14231158R	Stacker1	Page
Details	7		G75188966G	Stacker1	L Down
$\equiv$	8	1	L14231141R	Stacker1	
Stacker 2					'
Details					Return

Press "Reject" button under Report details page to view reject reason.

	Repor	t Detai	ls	Stad	kar 2 .	
Report	Denom	Pcs	Value	Pcs	Value	Print
$\equiv$	1				0	
[	2				0	^
Details	5				0	Page Up
	10				0	
	20				0	
Reject	50			50	2500	Page
ل	100	0	0	0	0	Down
$\sim$			0	0		
				otal Pcs	: 110	1 1
Return			Tota	al Value	: 2560	Return



#### 2.10 Printing Function

From the report menu, press "**Print**" to print out a receipt of the totals from the most recent count.

The receipt lists the currency code, transaction date and time, the quantity by denomination, the subtotals per stacker and the total quantity and amount.

NOTE: If serial number capture function is on, then the receipt will print serial numbers

following the count report.



# 3. FUNCTION SET UP MENU

Press the **"Function**" in the Main Menu to enter the function setting menu. Here, user has access to configure stackers, maintenance menu, user settings, counting speed, auto/manual start.



Fitness Settings	Stacker 1	O PCS O VAL	M Speed
Sensitivity Settings	Stacker 2	0 pcs 0 <sup>val</sup>	Auto
User Settings	TOTAL	O PCS O VAL	Maintenance
Clear	IN: ON ATM: 7 B1: USD Circ: 5 B2:	100 2024-11-07 Rej: C	) Report

#### 3.1 Stacker Configuration

Press "Fitness setting" to enter the settings.





- Both Stacker 1 and Stacker 2 are configured to be "First". Only bills of the first detected denomination can be sorted and sent to Stacker 1.
- One Stacker is configured to be "First" and another to be "Second" For example, in denomination sorting mode, denomination of the first detected genuine banknotes are sent to the stacker you configure to be "First"; banknotes with deviating denomination of the second detected genuine note are sent to another stacker.

Note: Stacker 1 and Stacker 2 can not be configured to be "Second" simultaneously.



In the main interface, you can select the text to view the current settings of the stacker.

#### 3.2 Maintenance Menu

Press **"Maintenance"** to and enter password. By default, you can press **"+1"** then **"ENTER"** to gain access. Here you can access and adjust sensor settings, test hardware, set pocket limits, reset parameters, adjust beep tone, format memory card, configure network and reset to factory settings. Refer to the service/maintenance manual or your service provider for more details.







#### 3.3 Counting Speed Setting

This feature allows the user to choose the speed setting the S3 will operate.



Press "Speed" button more than once to toggle between different counting speeds:

- L: 800 notes/min
- M: 1000 notes/min
- H: 1200 notes/min

#### 3.4 Automatic and Manual Counting Starting Mode

This feature allows user to set how the S3 will operate once currency is placed in the hopper. The S3 is preset to AUTO START which means that once the currency is placed in the hopper, the S3 will start counting immediately. If MANUAL START is selected, then user will need to press "**START/STOP**" button to initiate operation.

Fitness Settings	Stacker 1	0 PCS 0 VAL	Fitness Settings	Stacker 1	0 pcs 0 val	M Speed
Sensitivity Settings	Stacker 2	0 PCS 0 VAL Auto	Sensitivit Settings	Stacker 2	0 PCS 0 VAL	Manual
User Settings	TOTAL	0 PCS 0 VAL	User Settings		O pcs O <sup>val</sup>	Maintenance
Clear	IN: ON ATM: 7 B1: 100 : USD Circ: 5 B2: 100	08:50 Report	Clear	SN: ON ATM: 7 B1: USD Circ: 5 B2:	100         2024-11-07         Rej:         0           100         08:50         SD	Report

#### 3.5 User Settings

S3 allows users to control set up and operation according to their own customization standards. Through this menu, the user can view control functions such as Blacklist, brightness, software version, network parameters, dust cover operation and date & time.

Fitness Settings	Stacker 1	O pcs O val	M Speed
Sensitivity Settings	Stacker 2	0 PCS 0 <sup>VAL</sup>	Manual
User Settings	TOTAL	O PCS O VAL	Maintenance
Clear	N: ON ATM: 7 B1: USD Circ: 5 B2:	100 2024-11-07 Rej: 0	) D Report





# 4. ERROR MESSAGES

1. Reject error messages and possible solutions

Error message	Solutions
Feeding Fault	Remove the banknote, clean the feeding sensor.
Receiving Fault	Remove the banknote, clean the receiving sensor.
Rejector Faults	Remove the banknote, clean the rejector sensor.
UV Faults	Remove the banknote, clean the UV sensor.
FL Fault	Adjust top cover to right position so as to avoid strong light source.
Left#1 Counting Fault	
Right#1 Counting Fault	1. Remove the banknote, clean the Counting IR sensor.
Left#2 Counting Fault	sensors calibration.
Right#2 Counting Fault	
Left CIS IR Fault	Remove the banknote, clean the IR tube
Right CIS IR Fault	
Rotate#1 Speed Fault	Remove the banknote, clean the Rotate#1 speed sensor.
Rotate#2 Speed Fault	Remove the banknote, clean the Rotate#2 speed sensor.
CIS#1 Fault Up_CIS#1 Fault Down_CIS#1 Fault	<ol> <li>Remove any banknotes that are blocking the CIS</li> <li>Clean the CIS.</li> </ol>
AD Fault	Power off. Restart the machine.

Brake Fault	Please check if the brake is normal. If not, replace the brake.
MG#1 Fault MG#2 Fault MG#3 Fault	Re-plug the left magnetic board.
MG#4 Fault MG#5 Fault	Re-plug the MRS magnetic board.
MG#6 Fault MG#7 Fault MG#8 Fault	Re-plug the right magnetic board.
MID-MG Fault MID-MT Fault	Re-plug the middle magnetic board.
IR B3	Clean the B3 IR sensor, close the rear note path and restart machine.
IR B4	Clean the B4 IR sensor, close the rear note path and restart machine.
C1 IR Fault	Clean the C1 IR sensor, close the front note path and restart machine.
C2 IR Fault	Clean the C2 IR sensor, close the front note path and restart machine.
D1 IR Fault	Clean the D1 IR sensor, close the front note path and restart machine.
D2 IR Fault	Clean the D2 IR sensor, close the front note path and restart machine.
Left Back IR Fault	Remove the banknote from the back drawer and/or remove dust from Left Back IR sensor.

Right Back IR Fault	Remove the banknote from the back drawer and/or remove dust from Right Back IR sensor.
Please Clean Left Counting Sensor!	Remove the banknote from the machine and/or remove dust from IR sensor.
Please Clean Right Counting Sensor!	Remove the banknote from the machine and/or remove dust from IR sensor.
Diverter #1 Fault Diverter #2 Fault Diverter #3 Fault Diverter #4 Fault	Please adjust the Diverter position or replace it.
Dust-Proof Cover Fault Please check the Dust-Proof over position.	
THICK #1 Fault	Remove banknotes and clean the thick sensor.
 THICK #2 Fault	

## 2. Self-Test error message

Error message	
JAM! CODE=## Please remove the banknote Press RESET Key To Continue	Open the upper and lower note path,
SYSTEM INFO CODE=## Please	remove the banknote, then press RESEL.
remove the banknote Press RESET Key To Continue	
Top Cover Open!	Close the front note path.
Rejector Open	Close the rejector stacker.
Stacker 2 Open	Close the stacker 2.
Back Cover Open!	Close the rear note path.

## 3. Operational Error Messages

Error message	Solutions
UV-Error	Turn off the machine and restart it.
MG-Error MG1-Error	Remove the banknotes from the stacker.
IR-Error	Remove the dust or banknotes from the A&B IR sensors.
Composed-Error	Remove the banknotes.
Slant	The banknotes are not being fed right through the machine. Ensure banknotes are placed neatly and are inserted centered on the hopper. Use the hopper guides to center the banknote when counting a large stack of banknotes.
Double Chained#1	If the errors occur frequently, adjust the adjusting screw at the top cover of the machine toward the clockwise direction for reducing the gap.
Half Width Length	Remove the banknotes.
Image1 Image2 Image3	<ol> <li>Please do the CIS calibration.</li> <li>Scan the miscounting data for analysis.</li> </ol>

Continued:

Old Ver	
Deno Diff	
Ver Diff	
Face Diff	
Orient Diff	
Soiling	
Stains	
Graffiti	Remove the banknotes.
Deinked	
Tears	
Repairs	
Crumples	
Limpness	
Fold	
Corner Folds	
Holes	

# 5. MAINTENANCE, CONTACTS, AND SPECIFICATIONS

#### 5.1 Maintenance and Cleaning

Regular maintenance is required for optimal performance. All parts of the Cassida Pro S3 require daily care and cleaning. S3 sophisticated sensors are very sensitive and delicate components. Any dust or foreign matter that may adhere to the sensors may impact the unit's performance and operation.

NOTE: Clean the sensors before contacting a service technician.

#### **Cleaning Instructions**

Unplug the unit from all power sources before beginning the cleaning procedure.

- Do not use solvents or harsh chemical cleaning solutions.
- Clean the unit daily.
- Clean sensors with a damp cloth or an air duster, soft bristled brush, or the Cassida Cleanbill Pro cleaning card.
- Clean the rubber rollers with the Cassida Cleanbill Pro cleaning card.
- Empty the dust drawer daily.
- Perform complete maintenance once every 3 months. Contact your authorized Cassida service technician to schedule regular maintenance.

#### WARNING

Before performing any cleaning procedure, switch off the unit by pressing the power button on the back of the unit to the "off" position. Once powered off, unplug the unit from all power sources.

DO NOT use solvents or harsh chemicals such as alcohol to clean the unit.

Replace battery yearly with a CR2302.

## 5.2 Contact Information

Technical support contact information:

Tel: (888) 800-0303 www.CassidaPro.com

#### 5.3 Specifications

Feeding System Type:	Roller Friction
Counting Speed:	1200 Notes/Min
Hopper Capacity:	1000 Notes
Reject Pocket Capacity:	100 Notes
Stacker Capacity:	200*2 Notes
Dimensions:	12.2" x 17.8" x 15.3" (310 x 450 x 390mm)
Display:	5" Touch Screen
Interface:	LAN, RJ9, DB9 (RS-232), USB, SD Card Slot
Detections:	Dual CIS, MG, UV, IR, MT, Mechanical Thickness
Power Supply:	100-240V, 50/60Hz
Battery Supply::	CR 2302
Weight:	54.2 lbs (24.6 kg)
Ambient Temperature:	50°F - 95°F (10°C - 35°C)

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