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# Defining a new dawn in currency discriminators

## **ZEUS** *2-Pocket Currency Discriminator*



- Compact design
- Quiet operation
- Uninterrupted counting
- Fewest rejects of good bills
- Unparalleled bill recognition
- Advanced counterfeit detection
- Detailed count reporting functions

**Cassida** PRO  
SERIES

**Cassida**® PRO  
SERIES

# ZEUS *the next evolution*

Cassida Pro Series Zeus defines a new dawn in 2-pocket currency discriminators. With its unparalleled bill recognition, advanced counterfeit detection capabilities and detailed count reporting functions, Zeus packs amazingly strong features into a compact body.

Dual Clear and Start keys make Zeus ergonomically comfortable for both right and left handed users.

High definition LCD screen with user-configurable color settings.

Keyboard has hot keys for faster mode changes, less scrolling

2-pocket design means you never have to stop for a counterfeit, wrong denomination or incorrect face. Those bills go to the reject pocket while you continue counting.

Automated, patented dust shield lowers currency dust levels for users.

Count new or worn bills smoothly without jamming



## Innovative technology



Dual-Side IR Scanning

Zeus uses high definition and full color infrared scanning on both sides of every bill to ensure unsurpassed denomination recognition and counterfeit detection.

## Better security



Full Line UV Scanning

Zeus uses full-line UV scanning, compared to conventional discriminators that use spot scanning.

## Fewest rejects

POWERED BY



Additional authentication by the proprietary Cassida M Algorithm, based on technical research of millions of circulating bills.



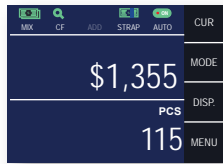
## Zeus is user-centric

Modes and functions to speed through vault counts, end-of-day settlements, till set-ups, etc.



Use MIX mode to quickly count a stack of mixed denominations.

Usage: Verify merchant deposits, count larger transactions



Total number and value of bills are displayed throughout count.

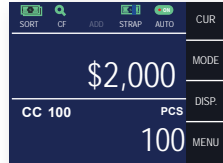
COUNT DETAIL				GT
1 \$	3	3		
2 \$	0	0		
5 \$	8	40		
10 \$	50	500		
20 \$	35	700		
50 \$	3	150		
100 \$	18	1,800		
TOTAL		117	3,193 \$	

Count detail screen shows value and count by denomination.



Use SORT mode to count and sort bills by one denomination.

Usage: Count incoming money shipments, conduct vault audits, buy and sell from vault



Screen shows count and pieces only of the sorted denomination.

REJECT DETAIL				GT
1 DIFF.				
2 DIFF.				
3 DIFF.				
4 DIFF.				
5 DIFF.				
6 DIFF.				
7 DIFF.				
8 DIFF.				
TOTAL		10 Rejects		

Reject screen identifies reason for reject.



Sort bills by face up or down; or orient all bills in the same direction. Any bills that don't match the first bill through, regardless of denomination, are sent to the reject pocket.

Usage: Load ATM and tills, prepare for vault

## Multiple strapping functions for real usability



### Strap by number

Build bands or straps of bills for tellers, cashiers and vault. Zeus offers both pre-set and custom strap amounts: 100-50-25-20-10 presets, 1-100 adjustable.



### Strap by amount

Eliminate hand sorting and counting for large customer withdrawals. Input the desired amount the customer wants, then count. Zeus automatically stops when it reaches the amount.



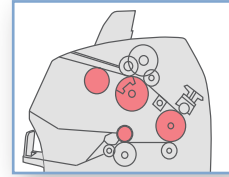
### Strap by denomination

Set tills and drawers easily! Input count of each denomination needed. Zeus counts the specified number per denomination and sends all other bills to the reject pocket.

Usage: Ready cash for vault, conduct vault audits, set tills and cash drawers

## More uptime, less downtime

Engineered for quiet reliability and lower maintenance



Zeus utilizes an innovative, patented motor drive system that eliminates multiple motors and drive rollers, resulting in a more efficient, quieter and lighter weight machine that has fewer serviceable parts.

Extremely quiet operation — speak easily and conduct business while Zeus runs quietly in the background.



## Ergonomic design for easy use

Zeus was designed with you in mind. Its ultra-friendly interface lets you immediately become comfortable with modes, hot keys and counting functions. You'll get up to speed quickly... and so will your team. Expect exceptional productivity with minimal training, because Zeus streamlines productivity without being overly complicated.

[www.cashtechcurrency.com](http://www.cashtechcurrency.com)



# The future of discriminators is here now... with Zeus



Zeus was developed to move cash discrimination forward. We envisioned a discriminator that would streamline cash processing; making it faster, easier and more accurate regardless of bill condition. The result is Zeus with its leading-edge bill recognition, unsurpassed counterfeit detection and minimalistic machine design -- driven by an extremely intuitive user interface. Try Zeus and you'll quickly know why it defines a new dawn in currency discrimination.

## Cassida Pro Series: Advanced cash processing solutions

Cassida Pro Series products are innovative, featuring leading-edge technology to exceed the needs of demanding cash processing environments where durability and accuracy are the main requirements. As part of the Cassida Pro Series, the engineering, design, user interface and precision of the Zeus 2-pocket currency discriminator are backed by over a decade of service to global banks, financial institutions and larger retailers.

**Cassida Pro Series Zeus sets the benchmark for processing cash in busy banks, credit unions, casinos and retailers. Zeus is the easiest-to-use, quietest, lowest weight, heavy duty 2-pocket discriminator on today's market.**

### Specifications:

Counting speed, mixed: ...800/1000/bill/min  
Hopper capacity: .....500 bills  
Reject capacity: .....100 bills  
Stacker capacity: .....200 bills  
Bill size range: .....120 x 60 to 180 x 90 mm  
Interface: .....USB, RS-232, RJ-12, RJ-45  
Detections: .....MG, full-line UV, double-sided  
IR, high definition color CIS,  
color spectrum analysis.  
Power supply: .....100-240/50-60Hz  
Weight: .....16.75 lbs (7.6 kg)

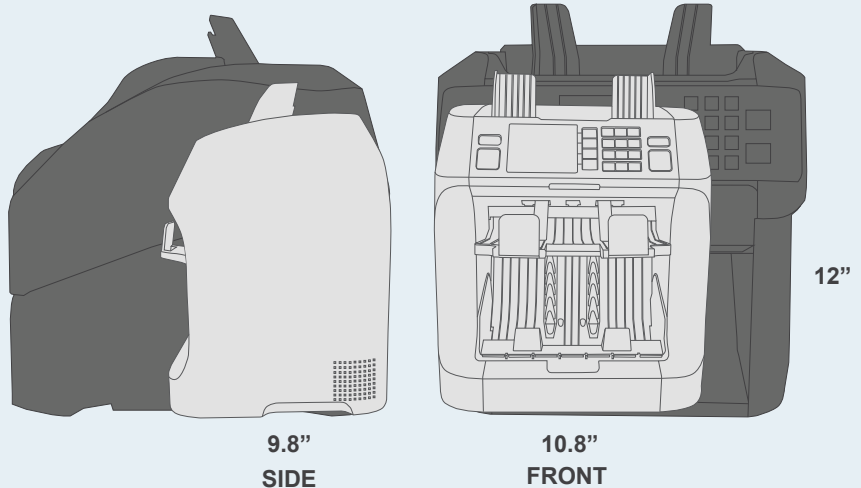
### Features:

- Strapping by number of bills : 100-50-25-20-10 presets, 1-100 adjustable
- Strapping by amount
- Strapping by denomination
- Maintenance reminder (by date and by number of bills)
- Rear dust collector
- Adjustable reject and stacker capacity
- Self-update of software from a USB flash drive
- User-configurable screen color settings.
- Beep on/off
- Automatic, patented dust shield -- can be turned on or off
- Download reports to USB flash drive
- Optional remote display
- Optional PC connection software
- Optional printer

### Dimensions:

Zeus is on average 40% smaller in total area than comparable bank grade discriminators on the market. That gives you 40% more work-space with Zeus.

Actual dimensions: 10.8" W x 9.8" D x 12" H (276\*250\*305 mm)



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## UNIVERSAL THERMAL PRINTER

### For Cassida Pro Series products

This Universal Thermal Printer works easily with the Cassida Pro Series products. The printer ensures high speed printing along with low noise output. A data buffer allows the unit to receive print data even during printing.

Printer accommodates paper rolls that are 3" wide, 3 1/8" in diameter, 230' long. Includes all cables necessary to connect to Cassida Pro Series products.

SKU: A-PRINT    UPC (EAN): 880916673910



#### Specifications:

Printing method:	Thermal line printing	
Dot density:	180 dpi (7dots/mm)	
Printing width:	72 mm	
Paper width:	3.125" (79.5±0.5 mm)	
Paper roll diameter:	3.125" (80 mm)	
Characters per line: (default)	42 (Font A) 56 (Font B) 56 (Font C)	
Printing speed:	47.28lines/sec , 200 mm/sec	
Receive Buffer Size:	4K Bytes NOTE: Printing speed may be slower, depending on the data transmission speed and the combination of control commands.	
Supply voltage:	SMPS Input voltage	100~240 VAC
	Frequency	50/60 Hz
	SMPS Output voltage	+24 VDC/2.5A
Environmental Conditions:	Temperature	0 ~ 45°C (Operating)
		-20 ~ 60°C (Storage)
	Humidity	10 ~ 80 % RH (Operating)
		10 ~ 90 % RH (Storage); Except for paper
LIFE: *	Mechanism Head	150 Km
	Auto Cutter	1,500,000 Cut
MCBF: *	Mechanism	60,000,000 lines
Included cables:	DB9-DB25, Null Modem Gender Changer	
Dimensions (WxLxH):	6.02" x 7.68"x 5.7" (153x195X145 mm)	

\* These values may vary with environment, temperature, printing level, etc.



REMOTE DISPLAY  
For Zeus 2-pocket Discriminator

The Zeus 2-pocket Discriminator has an optional 2-line remote display. The top line of the remote shows the count of bills, while the lower line shows the total value of the count.

Use the remote display at teller counters to allow bank clients to view the count as it actually happens. Count on remote screen matches count on Zeus main screen.

Uses an included 59-inch RJ11 cable.

SKU: A-ZRD    UPC: 854357006037



Specifications:

Dimensions: 4.6875" L x 2.5" W x 3.125" H
Weight: 4.0 oz.
Screen type:LED
Max count display — top (bills): up to 9,999
Max count display — bottom (value): up to 99,999,999
Cable (included): RJ11