



BackLoadSM bill validator

features

- Fixed-width bill validation (67mm or 71mm wide).
- Installs in an up or down stacking configuration.
- Advanced auto-calibrating optical, inductive and dielectric sensors optimize validation rates.
- Secure lockable-removable cassettes available in 400, 600 or 1000 bill capacity.
- Anti-stringing design.
- Dual entry sensors reduce jam rates.
- Tool-free, one-step, easy service access.
- Beltless transport system lowers maintenance costs.
- Switch selectable interfaces.
- Flash Memory.
- Built-in self-diagnostics.

FAST. SECURE. AND SCIENTIFICALLY ADVANCED. CASHCODE'S BACKLOAD SM BILL VALIDATOR IS THE MOST VERSATILE, RELIABLE, HIGH-PERFORMANCE BILL VALIDATOR ON THE MARKET.

Advanced sensor technology. The BackLoad SM bill validator is designed to provide maximum *authentic* currency validation. *Multi-color optic* sensors simultaneously scan both sides of the bill for optimal pattern recognition. A patented, non-contact *inductive* sensor maximizes counterfeit detection; and a scientifically developed *dielectric* sensor detects paper density, security threads and watermarks. The result? A validation rate of 96% or greater on first bill insertion—just what you'd expect from the industry leader in patented bill validation technology.

Stringing protection. The BackLoad SM offers real solutions to "stringing" issues with anti-stringing *cross-channel* sensors—engineered to prevent bill pull-back.

Versatility. Ideal for door-mounted applications, the BackLoad SM bill validator installs in an up or down stacking configuration, and is available with coated circuit boards for "salting" protection. Selecting the right interface for your 12V or 24V application is made easy with the flick of a switch. And you can choose a unique coin/vandal-resistant metal bezel or a standard bezel—*both* include built-in self-diagnostic flash code indicators.

Lockable-removable cassettes. Designed to protect your bottom-line, our high-security, lockable-removable metal cassettes are sold separately, and can be equipped with up to three custom locks.

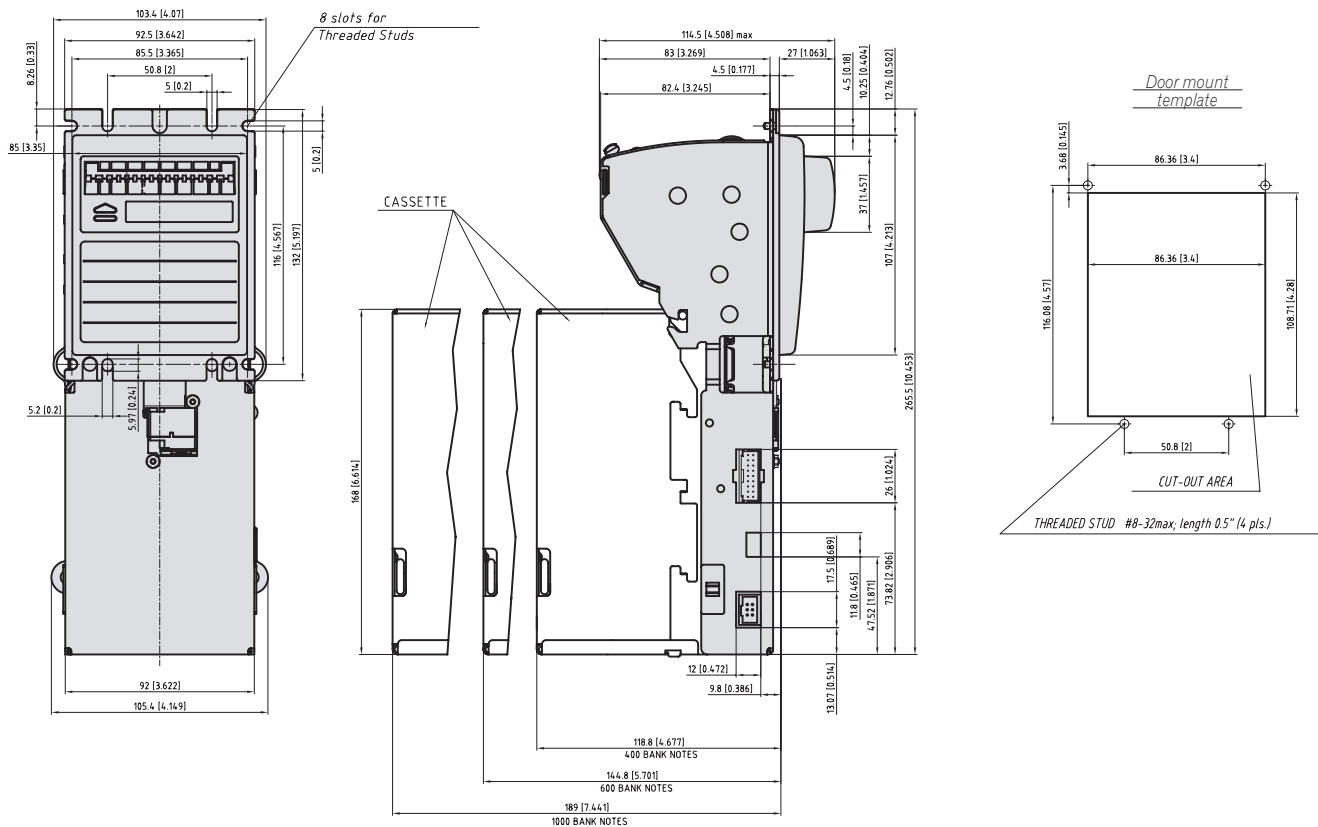
Flash Memory. Software updates are quick with the use of CashCode's Smart Stick. Or download software remotely using CCNet. *Two fast ways* to stay current.

Auto-calibrating/auto-tuning. Every time a bill is inserted, the BackLoad SM self-calibrates and self-tunes, eliminating the need for optical adjustments and calibration papers.

Beltless design reduces maintenance. Our patented and innovative currency transport design improves performance and greatly reduces long-term maintenance costs.



BackLoadSM bill validator



specifications

Bill Width Validated	67 or 71mm wide (fixed-width)
Bill Insertion	Four-way
Validation Rate	96% or higher
Escrow	One bill
Sensors	Auto-calibrating multi-color optical, dielectric, inductive, and barcode reader
Security Sensors	Cross-channel (anti-stringing) and dual-entry
Bezel Options	Coin/vandal-resistant metal bezel or standard bezel
Interfaces Supported	12V: pulse, serial or bi-directional (with TTL or RS232) 24V: MDB, single price*, or HII* (*adaptors required)
Protocols	CCNet, CashCode serial, MDB, pulse, and most other industry protocols
Program Memory	Flash Memory (download via Smart Stick or CCNet)
Operating Voltage	12V DC: 2.0 A; 24V AC or 15-42.5 V DC: 1.0 A
Operating Temperature	12V: 0° C to 50° C; 24V: -18° C to 60° C
Validation M.T.B.F.	750,000 cycles
Complete Transport Cycle	1.7 sec
Dimensions (W x H x D)	104 x 266 x 87mm
Weight	< 1.2 kg
Cassette Sizes Available	400, 600 or 1000 capacity
Cassette Options	<i>Standard:</i> up to two custom locks <i>High-security Gaming:</i> up to three custom locks
Optional	MDB (24V) interface plug on opposite side

12V: BackLoad SM bill validator; 24V: Vending option



Advanced sensor technology. CashCode's optical, inductive and dielectric sensors work together to optimize validation rates.



Stacks up or down. Designed for maximum flexibility, the BackLoad SM bill validator can be installed in an up or down stacking configuration.



Anti-stringing design with cross-channel sensors prevent pull-back, while dual entry sensors reduce jam rates.



Flash Memory with Smart Stick allows for quick and easy currency updates.



Beltless transport system. Patented roller-based design improves performance and lowers maintenance costs by eliminating belts.



Patented "clamshell" design. With just a single push of a button, service access to the bill path is easy and never requires tools.



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