



# SM

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## NOTE VALIDATOR



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## SM

### Description

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Accepted as the global standard for high volume transactions, the CashCode SM BackLoad single width bill validator is designed to meet the needs of high volume, indoor or outdoor applications. The design allows Operators to mount the unit directly on the door or use a hinge bracket in the up-stack or down-stack position.

Widely deployed as part of a bill payment system in self-service kiosks, gaming and transportation applications, performing daily volume transactions in excess of 500 bills. Further proof of the SM's ability to work in high volume applications, the SM is able to validate and complete a transaction in less than 2 seconds. Ideal for financial services applications like Bill Pay Kiosks, Mobile Top-up Kiosks, Petrol Terminal Kiosks, Hospital Service Kiosks and Admission Kiosks.

## Benefits

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**World-class validation for street-grade bills.** Reliable, beltless transportation equipped with multiple sensors

**Superior technology.** Unique validation technology for high acceptance

**Easy installation.** Flexible design in a cassette up or down position replaces many bill acceptors for retrofit programs

**Exceptional performance.** First-time insertion rate on street-grade or new bills is 98% or higher



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# Specifications

## Industry Format

- Backload, Upstacker, Downstacker, Horizontal Stacking

## Dimensions (H x W x D mm)

- 266mm x 104mm x 145mm with 600 note cashbox

## Note Validation

- Note width: 67 mm or 71 mm Note length 120mm to 160 mm

## Interfaces Supported

- 12 V: ccNET, RS232, CCS (Serial, TTL), Pulse, ID-003 (TTL), and MDB
- 24 V: MDB (Single price with adapter) Communication connector (ccNET, CCS, and ID003)

## Operating Temperature

- 12 V: 0°C to 50°C
- 24 V MDB: -18°C to 60°C

## Note Acceptance Speed

- 1.7 seconds

## Compliance

- CE, UL 756, IEC 60950-1, FCC, RoHS



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### **Power Requirements**

- 12 V DC+/- 1 V
- 24 V DC+/- 1 V

### **Bezels**

- Narrow plastic, Standard plastic, Plastic runaway lights, Metal

### **Acceptance Rate**

- 98% or higher

### **Note Insertion**

- 4-way

### **Barcode Ticket Insertion**

- 2-way

### **Validation Sensors**

- Optical, Inductive, Dielectric

### **Mode Selection, Option Setting (Vending)**

- Portable memory card, host network download

# Variants



## Horizontal Option

- Bezel used on Horizontal is a standard plastic bezel
- Cashbox sizes available: 170 and 300 note capacity
- Locking cashbox options: 1 - 2 standard locks and seal tab



## Downstack Option

Choose from 4 bezel options (see accessories)



## Upstack Option

Choose from 4 bezel options (see accessories)



## Locking Cashbox Options

1 - 2 standard locks, seal tab or extra high-security gaming lock can be added onto any cashbox



## Cashbox Options

- 400 bill capacity
- 600 bill capacity
- 1,000 bill capacity
- 1,500 bill capacity

## Accessories

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### Service Tools (SM)

- Portable memory card for firmware updates
- PC Application:
- CCNET Stats: read bill validator performance data
- CCNET Simulator: allows communication with bill validator
- CCNET SDK Kit: for window applications



### Loose Cable



### Power Supply



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### Cleaning Card

### Bezel Options (SM)

Bezel options for Stacker- up /-down configuration:

- Narrow plastic bezels with indicator lights (green and red)
- Standard plastic bezels with runway lights (green and red)
- Plastic runaway lights (blue and red)
- Metal bezel (up stack or down stack)

Bezel options for Horizontal configuration:

- Standard plastic bezel

