

MSM



NOTE
VALIDATOR



CashCode

MSM

Description

The CashCode MSM BackLoad is a multi-width bill validator designed to meet the needs of high volume, indoor or outdoor applications. Completes transaction in less than 2.5 seconds, this unit is widely deployed as part of bill payment systems in self-service kiosks across 35 countries, such as the Euro and Brazilian Real. The MSM BackLoad performs daily volume transactions of 500 or more bills.

A reliable self-centering mechanism and beltless transportation guides to perfectly center bills of different widths. This provides world-class acceptance to street grade bills or barcoded tickets and includes high security for authentic validation and anti-stringing. The CashCode MSM BackLoad is ideal for financial services applications like Bill Pay Kiosks, Mobile Top-up Kiosks, Petrol Terminal Kiosks, Hospital Service Kiosks and Admission Kiosks.

Benefits

Outstanding technology with high acceptance. Unique validation technology utilizes 4 different sensor technologies

Reduce jam rates. Effectively processes multi-width banknotes using proven self-centering mechanism

Global currency. Supports 35+ countries with multi-width currencies of 62-77mm bill width

Limit unnecessary service calls. Advanced algorithms support self-tuning and self-calibration reducing repair trips

Protect against counterfeit and manipulated notes. Lock and seal tab cashbox configurations enhance security

Specifications

Industry Format

- Backload, Upstacker, Downstacker

Dimensions (H x W x D mm)

- 272mm x 104mm x 154mm

Note Validation

- Note path width: 62mm - 77mm Note length: Standard length 160 mm, Optional length 180 mm

Interfaces Supported

- 12 V: ccNET(single slave, RS232), CCS (serial, TTL), Pulse, (opto-isolated (IPI), ID-003 (TTL), MDB
- 24 V: MDB, Single price (with adapter), Host Intelligence Interface (HII, with adapter)

Operating Temperature

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

Firmware Updates

- Portable memory card, host network download

Note Acceptance Speed

- 2.5 seconds

Weight

- 1.7 kgs

Compliance

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

Power Requirements

- 12 V DC +/-1 V
- 24 V AC or 15 V DC - 42.5 V DC

Bezels

- Standard, running lights, coin/vandal-resistant metal

Acceptance Rate

- 98% or higher

Note Insertion

- 4-way

Barcode Ticket Insertion

- 2-way

Validation Sensors

- Optical, Inductive, Dielectric, Ultraviolet

Variants

Sleep Mode Option

Reduce device power consumption to 10uA while in sleep mode. This option is supported with MDB12V protocol



Upstack Option

Choose from 4 bezel options (see accessories)



Downstack Option

Choose from 4 bezel options (see accessories)



Cashbox Options

- 300 bill capacity
- 500 bill capacity
- 1,000 bill capacity



Locking Cashbox Options

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

Multiple Protocol and Interface Options

Choose from multiple protocol and interface options (see specifications)

Accessories



Product Training (BackLoad)

Online eLearning



Service Tools (MSM)

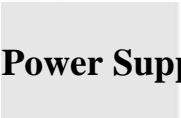
- Portable memory card for firmware updates
- PC Application:
 - CCNET Stats: read bill validator performance data
 - CCNET Simulator: allows communication with bill validator
 - CCNET SDK Kit: for window applications



Loose Cable



Power Supply





Cleaning Card



Bezel Options (MSM)

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