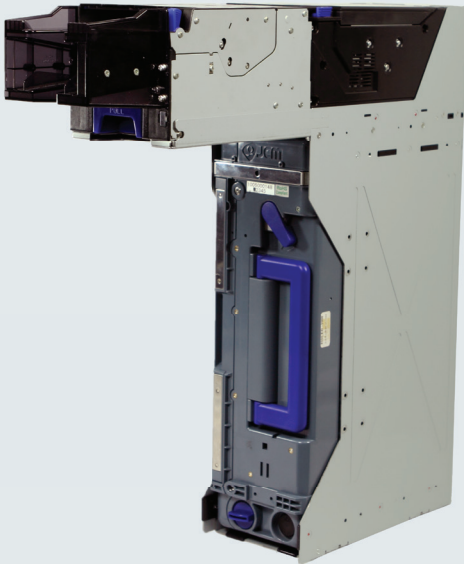


# BILL VALIDATOR TBV™

**tbov**  
TRANSACTIONAL BILL VALIDATOR



## HIGH CAPACITY

- ◆ Bulk note feeder accepts up to 50 banknotes at a time for quick processing of large stacks of currency

## DIRT AND LIQUID RESISTANT BILL PATH

- ◆ Sealed to keep dirt and moisture out, maintain a high acceptance rate and lower maintenance frequency

## DURABLE CONSTRUCTION

- ◆ Impact resistant design to extend product lifespan gives flexibility

## EASILY ACCESSIBLE 2,000 NOTE CASH BOX

- ◆ Increases security & reduces cash handling time



Watch our  
**Product Demo**

## JCM GLOBAL'S TBV™ IS THE BETTER, SMARTER, FASTER SOLUTION FOR SINGLE NOTE AND BULK NOTE TRANSACTIONS

At processing speeds of 1.7 seconds for fixed width notes, TBV has proven advanced technology that provides the highest level of counterfeit detection. It is perfect for self-pay kiosk operations, retail safes, ticketing/transit operations, automated deposit systems and banking operations.

# GENERAL SPECIFICATION

## BANKNOTES ACCEPTED

- Width: 60 – 85mm
- Length: 110 – 170mm

## NOTE-TO-NOTE PROCESSING SPEED\*

- Approx. 1.7 sec, fixed width
- Approx. 2.0 sec, variable width

## NO. OF BANKNOTE TYPES SUPPORTED

- 100 banknote types in 4 ways

## ACCEPTANCE RATE

- 98% or higher

## CASH BOX CAPACITY

- 2,000 for new notes

## POWER SUPPLY

- 24VDC +/- 5%

## POWER CONSUMPTION

- Idling: 0.2A
- In Operation: 2.0A
- Peak: Approx. 3.3A (max 3 seconds)

## INTERFACE

- Photo-coupler (ID003), RS232 (ID003), USB 2.0, ccTalk

## SOFTWARE DOWNLOAD

- Through USB port
- Download tool available

## OPERATION TEMPERATURE

- -15 to 60 °C (5 to 140 °F) without BNF
- 5 to 50 °C (41 to 122 °F) with BNF

## INSTALLATION

- With BNF: Indoors Only
- With Shutter Bezel: Indoors and Outdoors

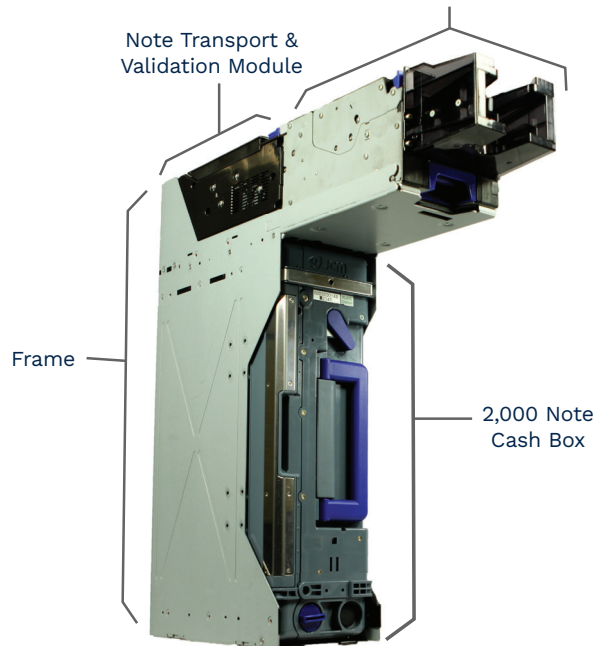
## DIMENSIONS (HXWXD)

- With BNF  
475.8x114x468.9mm (18.73x4.49x18.46")
- With Shutter Bezel  
483.5x140x289.17mm (19.04x5.51x11.38")

## OPTIONS

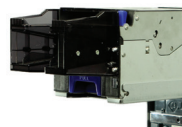
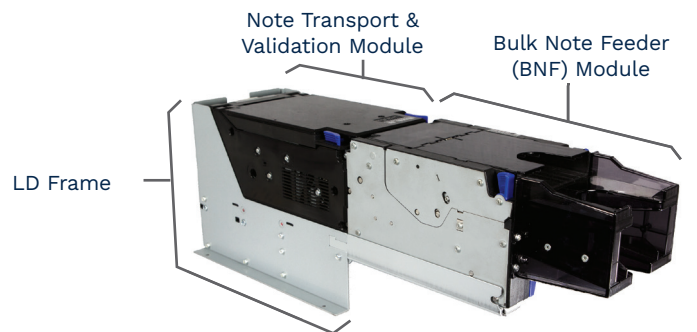
- Standard plastic single note bezel
- Metal single note shutter bezel LD frame (stackerless frame w/o cash box)
- Intelligent Cash Box (ICB®)

Bulk Note Feeder (BNF) Module



## TBV LD

### NO CASH BOX OPTION (STACKERLESS)



Bulk Note Feeder (BNF)



Single Note Standard Bezel (Fixed Width Only)



Single Note Shutter Bezel

\*Based on fastest times, dependent on currency and protocol



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[www.jcmglobal.de](http://www.jcmglobal.de)

