

DBV[®]-500

Banknote Validator



ROBUST DESIGN

- Thick metal frame and housing for highest levels of durability

FAST ACCEPTANCE

- Note to note processing speed of less than two seconds

FRAUD PROTECTION

- 8 wavelengths of high-precision optical sensors, and optical/mechanical anti-stringing/fishing sensors

FLEXIBILITY

- A variety of cash box sizes gives flexibility across many applications

HIGH CAPACITY

- Cash box options for up to 500, 1,000 or 1,400 notes, depending on bank note condition

THE DBV[®]-500 SERIES IS AN OUTSTANDING ADDITION TO OUR AWARD-WINNING LINE OF BILL VALIDATORS.

The DBV[®]-500 series has been meticulously developed based on our 25 years of experience in bill validation technology. The robust design, increased processing, speed, and state-of-the-art sensor technology combine to make the DBV-500 the optimal choice for a wide range of automated payment applications. Additionally, the universal design supports most major currencies without any hardware modification.

DBV-500

Banknote Validator

GENERAL SPECIFICATIONS

Acceptance Rate

98% or greater

Banknote Size Accepted

Width: 60-78mm (2.36-3.07 in.)

Length: 120-160mm (4.72-6.29 in.)

133-177mm (5.23-6.97 in.) Option

Cash Box Size

S: 500 notes

M: 1000 notes

L: Approx. 1400 notes

Lock and sealing option

Cash Box Access

Rear Access

Current Consumption

12 to 24VDC

12V, Max 3.0A

Standby = 200mA

Operation = 2.3A

Peak = 3.0A

12V, Max 2.0A (Current Limiting Mode)

Standby = 200mA

Operation = 1.4A

Peak = 2.0A

24V, Max 1.4A

Standby = 120mA

Operation = 1.2A

Peak = 1.4A

Environment

Operation: -15°C to +60°C (5°F to 140°F)

Storage Temperature: -20°C to +60°C (-4°F to 140°F)

Installation

Down or Up Stack

Interfaces

RS232C, TTL, Photo-coupler, USB (2.0 full speed)

Protocols

ID-003 Serial, ID-008 USB, CCNET, MDB

Sensor Type

DBV-500-S: Global Market

DBV-500-R: Russian Market (certified by CBR)

Weight

2.1kg (with S box), 2.3kg (M), 2.4kg (L)



www.jcmglobal.com

JCM American Corporation

925 Pilot Road
Las Vegas, NV 89119
USA

Tel: 800-683-7248
(800# for USA, Canada & Mexico)
Tel: 702-651-0000

Japan Cash Machine Co., Ltd.

N2-23-2, Higashi Nihonbashi,
Chuo-ku
Tokyo 103-0004
Japan

Tel: 81-3-5962-3731

JCM Europe GmbH

Mundelheimer Weg 60
D-40472 Dusseldorf
Germany

Tel: 49-211-530645-0