matrix~

Bill Validator, Multiple Options For Complete Design Flexibility!

Software in a Flash

Software uploads/updates are but a 'flash' away via the Matrix high speed data port. Software updates can be e-mailed or found on our website. At VTI, we never charge to update your software!

Options That Work For You

The Matrix further optimizes your design by offering you multiple cashbox capacities (200/600/1000), with locking cashbox option, up or down stack, multiple voltages, and multiple mounting options.

Complete Interface Support

Leading the way in innovation, the Matrix USB is the industries first direct USB validator. The Matrix also provides many popular interfaces including RS232, MDB, Pulse, Parallel, CCTalk and our NEW Battery/Low power option!

Tools, Tools, Tools

The Matrix offers advanced tools for complete ease of operation. Our PC AND PDA upload and diagnostic programs let you update and configure in seconds. We also offer complete software and SDK support for our array of interface choices.

Third Party Software Support

The Matrix USB interface has revolutionized markets that Utilize PC controllers in their systems. No More serial expansion cards are needed to interface your bill validator to the PC. The Matrix USB is also supported by most third party application software, offering you a 'plug & play' solution to your design.

Around the World...

The Matrix validates bank notes between 62 and 72 mm in width opening up a world of possibilities when it comes to international currency validation.

Matrix Specifications

Interfaces
Pulse, Parallel, MDB, USB, RS232, Serial,
TTL RS232, CCTalk
(Optional Battery/ Low Power)

Power Sources
+12 +/- 10% VDC (Standard)
100-240 VAC (Optional In-Line PSU)
+18.0-42 VDC (MDB)

Note Insertion
4 Way, Lengthwise

Notes Validated
62mm to 72mm in width

Current Consumption
Standby: 140 mA
Validating: 800 mA
Max/Stalled: 1000 mA

Matrix Options/Accesories
100-240 VAC, 50-60 HZ Power Supply Unit
Lock w/key for Cashbox (600/1000 only)
Extended Upstack Bezel
Extended Downstack Bezel
Mounting Kit (Wooden Door)

Environmental
Operating Temp: -15 c to 60 c
Storgage Temp: -40 c to 70 c
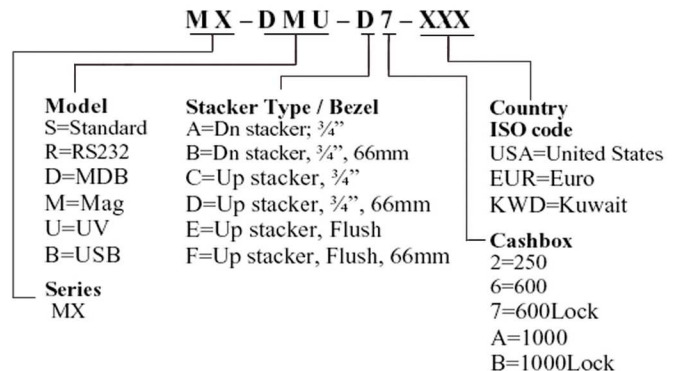Humidity: 5% to 95% Rh (non-condensing)

Acceptance Rate
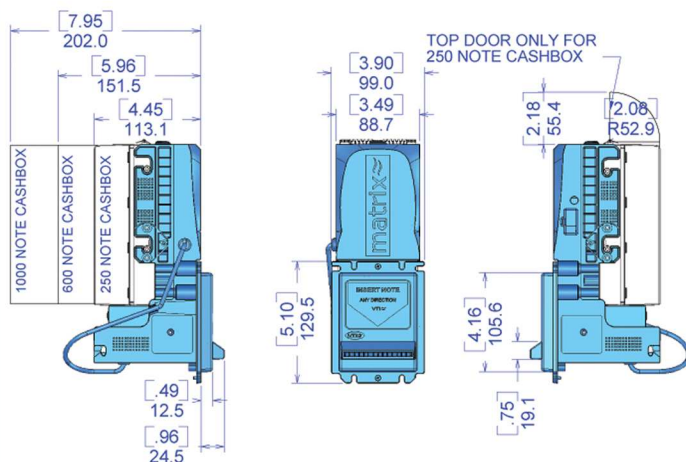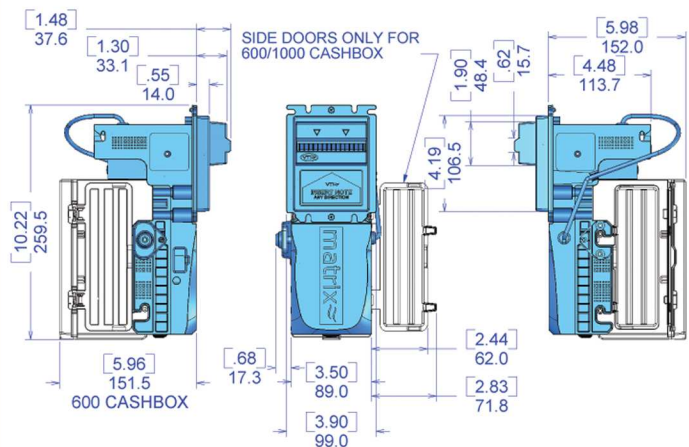Greater than 95% (in normal conditions)

Warranty
2 Years

Matrix Part Number Detail (Sample)

M X – D M U – D 7 – XXX

Model
S=Standard
R=RS232
D=MDB
M=Mag
U=UV
B=USB

Series
MX

Stacker Type / Bezel
A=Dn stacker; ¾"
B=Dn stacker, ¾", 66mm
C=Up stacker, ¾"
D=Up stacker, ¾", 66mm
E=Up stacker, Flush
F=Up stacker, Flush, 66mm

Country
ISO code
USA=United States
EUR=Euro
KWD=Kuwait

Cashbox
2=250
6=600
7=600Lock
A=1000
B=1000Lock

MX - ___ - __ __ - ___

Matrix Upstack with Standard Bezel

Matrix Downstack with 3/4'' Extended Bezel

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