

RDM™

Retail Deposit Module



HIGH-SPEED DEPOSIT

- Secure deposits at 6 notes per second

BULK NOTE FEED

- 250-note capacity reduces load frequency

FLEXIBLE CONFIGURATION

- Easy integration to the top or inside of an intelligent deposit safe

FULL NOTE SCANNING

- High acceptance, dye stain detection, serial number reading, and superior counterfeit rejection

ONE-WAY TRANSPORT PATH

- Highly reliable transport path

THE NEW RDM-100 IS A HIGH-SPEED, SHORT-EDGE BANKNOTE VALIDATION MODULE.

Perfect for financial deposit, intelligent safe deposit, and behind-the-counter applications, the RDM-100's full width image scanning allows for superior banknote validation, dye stain note detection and serial number reading. Its innovative design allows for easy integration to the top or inside of an intelligent deposit safe, and its one-way transport provides high-speed processing at 6 notes per second with a high-reliability transport path. The RDM-100 has optional built-in slide rails with multiple transport access points to allow for easy maintenance.

GENERAL SPECIFICATIONS

Acceptance Rate
99% or greater

Banknote Types Accepted
Long edge 110-177mm (4.33-6.96")
Short edge 60-85mm (2.36-3.35")

Insertion Direction
Banknote: Four-way

Bulk Note Feed Capacity
250 notes maximum
(1 to 250 notes)

Return Note Tray Capacity
20 notes maximum
(software configurable)

Processing Speed
Approximately 6 notes/second
(.166 seconds/note)

Validation Method
Multiple wavelength optical
with full image scanning
Magnetic

Diagnostic Indicators
Full color status LED via bezel and
return tray
BAU diagnostic LED's

Escrow
NA

Protocol
JCM proprietary

Protocol Interface
USB 2.0 or RS232

Supply Voltage
24VDC (±10%)

Current Consumption
Standby = 0.4A
Operation = 3.2A
Peak = 4.7A

Environment
Operating temperature:
+5°C to +45°C (41°F to 113°F)

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

Relative operating humidity:
20% to 80% RH (non-condensed)

Relative storage humidity:
10% to 90% RH (non-condensed)

Visible light sensitivity: Avoid light
on the banknote insertion/return
slots having an Illumination index of
3000 Lux or less, and if warm color
incandescent light range radiant of
0 to 45 degrees from all sides, or if
light from a mercury lamp a radiant
angle between 10 to 85 degrees

Installation: Indoors only (built-in)
fixture material/shape must endure
55kg weight without distortion

Weight
Approximately 17kg (37.48lbs.)
Mounting: Built-in

