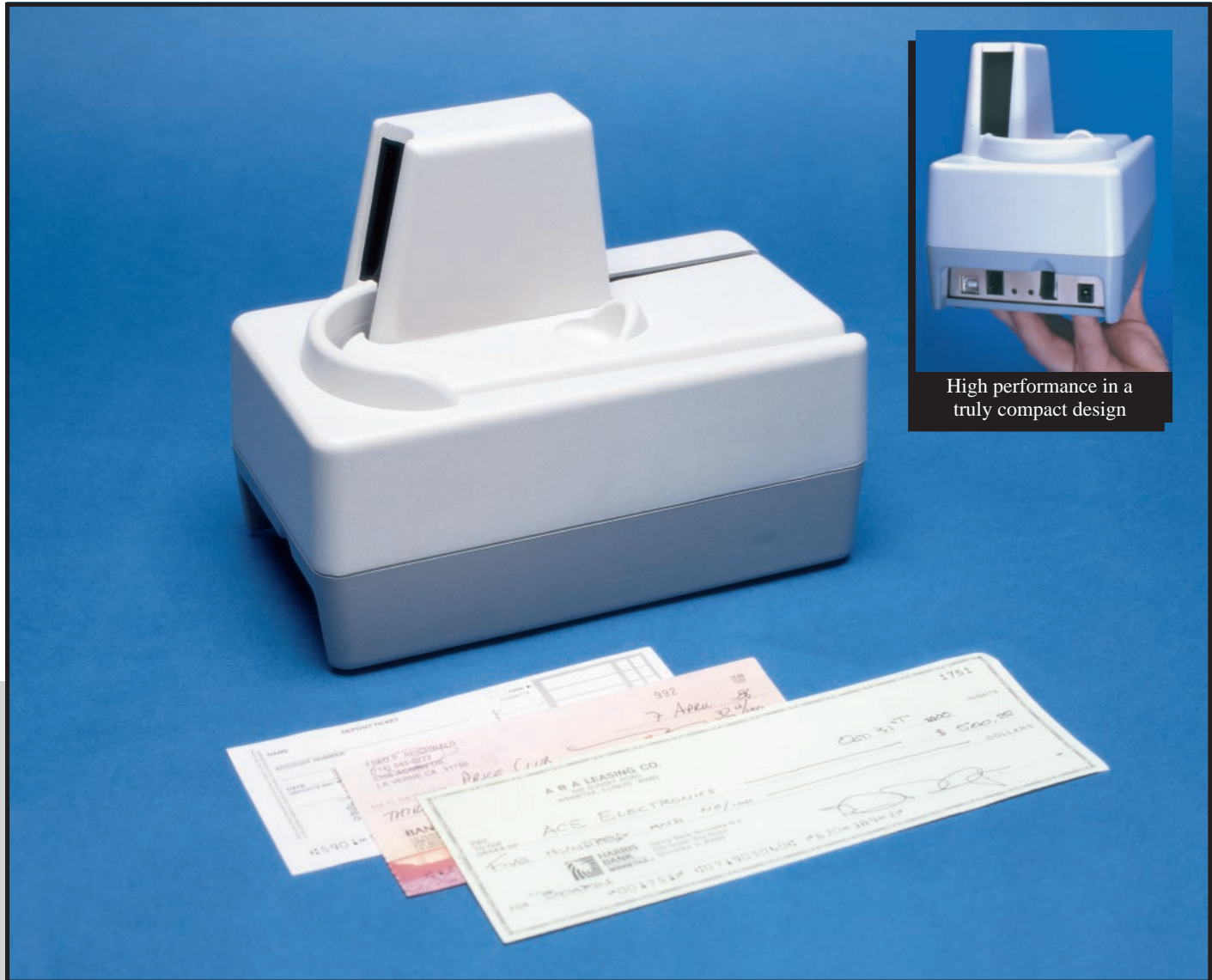


POINT OF PAYMENT CHECK SCANNER



The Fast, Compact and Affordable Image Capture Solution

- **FAST** - Scans front & back up to 60 checks per minute. MICR code line captured, endorsement printed, while scanning one check per second.
- **COMPACT** - Needing less than 5" x 9" of space, scanner easily fits into small areas.
- **AFFORDABLE** - The M-52 is priced favorably for Point of Payment capture applications.
- **SIMPLE INTEGRATION** - The M-52's standard USB port provides plug and play connection.

M-52 CHECK SCANNER

Maverick's M-52 enables Financial Institutions to streamline check processing workflows by capturing check images at the branch while performing traditional P.O.D. operations at regional centers.

The M-52 increases operational efficiency by capturing the MICR code line and check image at the point of payment transaction, thus reducing paper handling.

Depending on your strategy, the M-52 fits nicely into a remote or distributed capture solution that eliminates or reduces courier runs, thus saving time and increasing funds availability.

Captured check images enhance data integrity and improve security of the transaction, in the event paper checks are lost or stolen while in transit.



MAVERICK International

Highest Quality Images For Improved Recognition

As each check is scanned, it is analyzed before thresholding into black and white to provide a sharp, easy to read image. Alternatively 4 bit (16 shades) or 8 bit (256 shades) of grayscale images may be captured. When combined with the anti-paper skew transport, this makes for superior OCR/ICR recognition of machine print, courtesy amounts and legal amounts, signatures, and name/address information. As a second quality check, the MICR codeline can be re-read using optical character recognition which complements the magnetic read to capture the information on poorly printed checks.

Reliable Single Pass Transport

The short U shaped transport path virtually eliminates jams with one pass by the separate front and rear scan heads. The Maverick M-52 is designed to scan up to 3 million items. On board diagnostics, power on self-testing, and an easy to service modular design ensures reliable, problem-free operation.

Two-Sided Scanning + Endorsement

The Maverick M-52 creates high quality images of both sides of a check that then may be stored locally for audit and historical research. It can also be quickly transmitted to a bank's centralized item processing center, or data may be transmitted as an ACH file for payment transfer.

Scanning the checks at the point of payment, allows the images of the checks to be electronically approved, balanced and amount entered. When the physical paper check arrives, power encoding can ensure fast clearance. This scanner accelerates check clearance, improves customer service and may be used to convert a paper check into an electronic check, truncating the payment transaction.

Diagnostic Features



Top view of transport path components

On-Board Diagnostics:

Test scanner functionality

Power-On Self Testing:

Automatic self-testing when powering on the unit

Serviceability: Flash EEPROM allows easy upgrade of functionality

Environmental, Reliability & Electrical Features

Electrical:

Power consumption: 30 VA
Input voltage:
115 VAC (+/- 10%), 60hz - domestic
230 VAC (+/- 10%), 50hz - international
Separate standard power supply

Product Life & Duty Cycle:

Designed for useful life of 3 million checks
Duty cycle: 2,000-3,000 checks per day
Mean Time To Repair (MTTR):
15 minutes

Environmental:

Temperature (operating): 60°-90° F
(15°-32° C)
Humidity (operating): 35-85% non-condensing

Various Applications:

The Maverick M-52 may be used in various applications including Check Cashing, Securities Payments, Teller Window Processing, Corporate Payments, Lock Box, Exception Processing, and Retail Point of Sale.

SPECIFICATIONS

Paper Size: (Up to UNI A6)

Document Height: 2.12" - 4.17" (54-106mm)
Document Length: 3.19" - 8.97" (80-228mm)
Document Weight: 16-32 lbs. (60-120 grams/sq. meters)

Scanner Size: 4.5" x 8.5"

Dimensions:
Height: 6.4" (16.5 cm) Depth: 4.8" (12 cm)
Length: 8.5" (21.5 cm) Weight: 4.4 lbs. (2 kg)

Scanning Method: Concurrent Two-Sided Duplex

Camera: 2 x 840 cell, 105 mm contact CCD
Light Source: Green LED

In-Line MICR Recognition:

MICR recognition firmware for E13B (USA) or CMC7 (European) standards
MICR codeline data available as a separate file or in image header

Transport Speed: 16.5" (42 cm) per second

Feeder: Drop-in, single item, manual feed

Performance: Dependent on operator (2-3 sec/scan cycle)

Standard Interface:

Standard USB
Additional RS-232 serial port for external devices

Image Format:

1-bit black and white TIFF Gp/4
4-bit (16 levels) or 8-bit (256 levels) - grayscale
BMP or JPEG

On-Board Memory: 10 MB Buffer

Image Resolution: (software selectable)

100 x 100 dpi, 200 x 100 dpi (V x H), 200 x 200 dpi

Image Compression: via custom software running on the workstation, automatic image cropping

Software Tools: API Toolkit 32 bit

Required Operating System: Windows 98 2nd Edition, Windows 2000, NT 4 Service Pack 6 or later

Hardware Option: Backside Inkjet Endorser

Nationwide Sales and Customer Support

The full line of Maverick Products are sold and serviced nationwide by a highly trained and professional network of Maverick Distributors. For more information about the Maverick M-52 Scanner and other Maverick products, please contact your local authorized Maverick Distributor or the Maverick corporate office.

Your authorized Maverick Distributor is:

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