

DESKTOP CHECK SCANNERS



The Fast, Flexible and Affordable Image Capture Solution.

- FAST** - Maverick's M-53 and M-54 transports utilize dual cameras and magnetic MICR read heads to capture two-sided images while automatically reading E-13B or CMC-7 MICR code-lines at sub-second scan rates. The M-53 is rated to capture images at 80dpm, while the M-54 is slightly faster at 90dpm.
- FLEXIBLE** - The M-53/54 desktop scanners packaged with Maverick software enable financial institutions to take full advantage of today's branch capture requirements to improve customer service while improving the bottom line. With today's applications, your ability to meet tight check processing deadlines, while reducing labor cost and courier runs is met with Maverick solutions. Your investment in the M-53/54 transport continues to pay for itself as future applications provide the flexibility to include check truncation and early exchange with your clearing partners.
- AFFORDABLE** - Maverick's M-53/54 transports are priced competitively to meet your branch capture needs.

M-53/54 CHECK SCANNERS

The M-53/54 increases operational efficiency by capturing the MICR code-line and check image at the point of presentment, where the need to respond to customer inquiries and reduce paper handling is optimized.

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

Depending on your application, the M-53/54 fits nicely into a remote or distributed capture solution that not only eliminates microfilming, but also enhances a centralized image based P.O.D. solution.

Maverick solutions offer an array of products from the M-53/54 check scanners to the M-570h/580h Hybrid Encoder/Imager transports and M-5000 Encoder/Imager/Sorter transports. In addition, Maverick's software solutions enable you to image/archive checks, repair the MICR code-line and search on any portion of the MICR code-line plus many other fields.

Highest Quality Images

The anti-skew transport combined with 200 dpi resolution and up to 256 shades of gray with JPEG support, improves OCR/ICR recognition of machine print, courtesy amounts, signatures, and name/address information. Images are standard Group IV-TIFF, JPEG, or bitmap formats. **Reliable and Durable**

Maverick's M-53/54 is designed to scan millions of items. On-board diagnostics, power on self testing, and an easy to service modular design ensures reliable, problem-free operation.

Product Life & Duty Cycle

Designed for useful life of 20 million documents. Duty cycle: Continuous operation in any mode. Typical usage 8,000-12,000 checks per day. MTTF (Mean Time to Failure): 2.5 million documents. MTTR (Mean Time To Repair): 30 minutes

On-Board Diagnostics:

Tests complete functionality of the scanner

Power-On Self Testing:

Automatic self-testing of electronic components when powering on the unit

Serviceability: EEPROM allows monitoring hours of operation and total check count. Flash EEPROM allows easy upgrade of functionality

Environmental & Electrical Features

Environmental:

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

Electrical:

Power consumption: 75 watts
Input voltage:
115 VAC (+/- 10%), 60hz (domestic) 75 watts max.
230 VAC (+/- 10%), 50hz (international) 75 watts max.

Diagnostic Features



Designed for easy operator access

Your authorized Maverick Distributor is:

SPECIFICATIONS

Scanner Dimensions:

Height – 7.50" (19cm) for M53/54
Depth – 7.25" (18.5cm) for M-54, 8.25" (21cm) for M-53
Length – 12.75" (32.5cm) for M-53/54
Weight – 9 lbs. (4Kg) for M-54, 9.75lbs (4.4Kg) for M-53

Paper Size: (Up to UNI A6)

Document Height: 2.16" - 4.13" (55-105mm)
Document Length: 2.95" - 9.0" (75-230mm)
Document Weight: 16-32 lbs. (60-120 grams/square meter)

Autofeeder Capacity: Approximately 80-100 items for M-54, approximately 80 items for the M-53 (depending on document thickness and condition)

Scanning Method: 105mm (840 cell) linear CCD array

Double Feed Detection: Infra-red transmissive device-software adjustable. Programmable double feed delay performs skip-over function

Throughput: M-54 handles up to 90 (6 inch) documents per minute versus the M-53 which handles up to 80 (depending upon scanning mode selected and power of host computer)

Scanning Speeds: Bitonal (Black & White):

200 x 100 dpi 39.37 inches/sec (100cm/sec)
200 x 200 dpi 19.69 inches/sec (50 cm/sec)

Gray Scale: 100 x 100 dpi 39.37 inches/sec (100 cm/sec)

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Scanning Modes: Bitonal (Black & White):

200 x 100 dpi 1 Bit
200 x 200 dpi 1 Bit

Gray Scale: 100 x 100 dpi 4 Bit (16 levels of gray) or 8 Bit (256 levels of gray)

200 x 100 dpi 4 Bit (16 levels of gray) or 8 Bit (256 levels of gray)
200 x 200 dpi 4 Bit (16 levels of gray) or 8 Bit (256 levels of gray)

SCSI Interface: SCSI-2. ID selectable at scanner (default is SCSI ID2)

Image Compression: G IV bitonal or JPEG grayscale. Performed by software running on the workstation

Image Transmission: via SCSI port

MICR Recognition: MICR recognition firmware for E13B (U.S.A.) or CMC7 (European) standards OCR A and OCR B (optional)MICR codeline data transmitted via SCSI port

Software Tools: API Toolkit 16 and 32 bit versions Windows 3.x, '95,'98, and NT

Hardware Options: Second pocket sorter Backside ink-jet endorser

Nationwide Sales and Customer Support

The full line of Maverick products is sold and serviced nationwide by a highly trained and professional network of Maverick Distributors. For more information about the Maverick M-53/54 Scanners and other Maverick products, please contact your local authorized Maverick Distributor or the Maverick corporate office.

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