



## RDM's Imaging Solution | EC6000i® Series

**ACCURATE.  
FEATURE-RICH.  
ROBUST.  
COST-EFFECTIVE.**



### Product Overview

The RDM EC6000i is a cost-effective, feature rich, imaging solution. It is the most widely supported small document imager used for check electronification and walk-in bill payment processing in the U.S. Payments industry. The EC6000i series provides connectivity to the most popular POS terminals, a footprint designed to maximize counter space, and an impressive array of optional features to accommodate any environment or application.

Utilizing RDM's Progressive MICR Method, the EC6000i delivers the industry's highest MICR read accuracy which results in lower administrative returns due to MICR misreads and rejects. The EC6000i also captures crisp clear binary images exceeding the industry's demands for legible images. In addition, a USB port and bi-directional document drive are standard features on the EC6000i positioning it as one of the most versatile and reliable products in the marketplace. The EC6000i also has a wide variety of optional features such as Franking Acknowledgment, internal alphanumeric OCR A and B character recognition, OCR MICR Assist, 3 track bi-directional Magnetic Stripe Reader (MSR) and 10BaseT Ethernet connectivity.

When the automated franking acknowledgment option is selected the EC6000i will print a fixed text message on the front face of the check. The EC6000i franking acknowledgment printer facilitates the requirement for check defacement in one simple process increasing efficiency which is vital in the POP environment.

Under application control the bi-directional document drive in the EC6000i provides visual confirmation of the approved disposition of the check. If the transaction is denied the check will be returned to the user "face up" from the entry slot vs. "face down" from the exit slot.

In addition to our industry leading 'single pass' Progressive MICR Method, the EC6000i can be equipped with OCR MICR Assist for maximum recognition, performance and accuracy. OCR MICR Assist optically reads the MICR line as a backup to the magnetic read and can improve the EC6000i's read rate to virtually 100%.

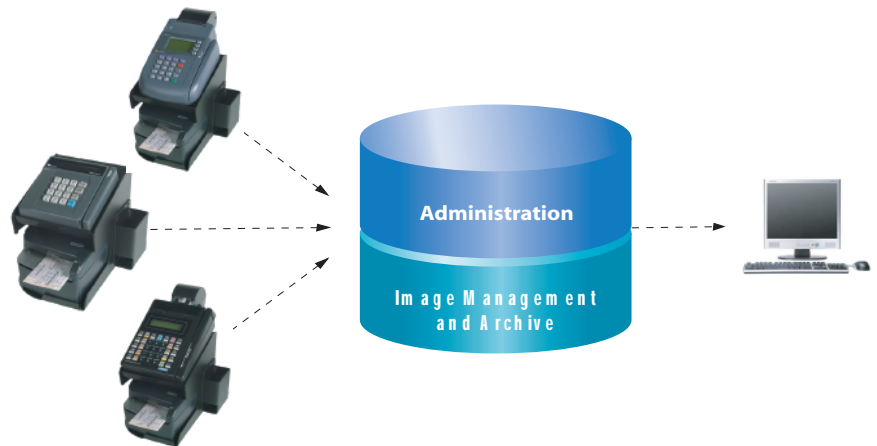
With its small footprint, connectivity to popular POS terminals, and industry leading MICR and image technology, the EC6000i from RDM has once again set the standard for small document imaging.

### Key Features

- ▶▶ Connectivity to the most popular POS terminals ensures maximum versatility and ease of integration
- ▶▶ Footprint designed to maximize counter space
- ▶▶ Simplify the authorization process with the application controlled bi-directional document drive which provides a visual confirmation of approved disposition of the check
- ▶▶ Optically read the MICR line for maximum recognition, performance and accuracy with OCR MICR Assist
- ▶▶ Optional internal alphanumeric OCR A & B font recognition make it the ideal solution for bill payment applications
- ▶▶ Increase user efficiency with the optional franking acknowledgment printer
- ▶▶ Optional bi-directional Magnetic Stripe Reader (MSR)
- ▶▶ Optional 10BaseT Ethernet connectivity



The successful implementation of a Check Electronification or Bill Payment program involves a number of different factors and components. RDM simplifies the process by combining our EC6000i series of imagers, Image & Transaction Management System (ITMS™) software solutions and strong partnerships with leading processors and terminal manufacturers to offer the most comprehensive Check Electronification and Bill Payment solutions to our customers.



## Product Specifications

### Internal Image Storage (memory)

1MB of flash memory standard (2M or 4MB optional)

### Image

- CCITT Group 4 compression (ITU T.6) of bi-level image
- TIFF 6.0 file format
- MICR line with transaction information included in header description tags of check image
- OCR line with transaction information included in header description tags of bill stub
- Image size varies according to document, typically 10kb or less
- High quality 200 dpi nominal

### Document

Minimum: 1.75" x 4.4"  
Maximum: 4" x 9"  
Paper weight: 8lb to 100lb

### Communication Ports

- USB 1.1 Compatible
- RS232 (mini DIN9) for POS terminal connection
- RS232 (mini DIN8 powered) for printer pass-through connection
- RJ11 for modem or RJ45 for Ethernet connectivity (10BaseT)

### Magnetic Read

E13B MICR character set. Uses RDM's Progressive MICR Method for optimum MICR read accuracy

### OCR MICR Assist

When activated under application control, optical read of E13B MICR characters acts as a backup to the magnetic read

### Bidirectional Check Drive

Provides visual confirmation of approved disposition of checks

### Modem

33.6Kb internal modem with data compression and error correction

### Software

Developers kit including: ActiveX ADK for Windows, Sample Application and serial API

### Dimensions

8.75" long x 6.1" wide x 4.5" high

### Power

24 V DC, Amperage 1A

## Options

### Franking Acknowledgement Printer

Under application control a fixed text message is stamped on the face of the check

### OCR Font Recognition

Alphanumeric OCR A and B font recognition, internal to scanner

### Magnetic Stripe Reader (MSR)

3 track, bidirectional