



# EC5000i Series

Document Reader and Imager

## EC5000i Series

The EC5000i series of products from RDM are accurate, versatile and highly reliable MICR/OCR readers and imagers. The MICR read rate of the EC5000i series exceeds 99.9%, and when enabled, the optical MICR read option will increase the read rate to virtually 100%. RDM's industry leading MICR read rate provides the highest level of document acceptance and read accuracy.

The EC5000i is compatible with all major POS terminal manufacturers. RDM has also

developed partnerships with industry leading acquirers and processors to provide complete electronic transaction solutions. The versatile EC5000i series, with one of the highest levels of acceptance amongst terminal manufacturers is ideal for Electronic Check Conversion including applications for Point-of-Purchase (POP), Distributed Accounts Receivable Conversion (ARC), and Distributed Represented Check (RCK). In addition, the EC5000i series has the unique ability to read alphanumeric OCR A and OCR

B fonts positioning the EC5000i series as one of the most complete bill payment solutions in the industry.

The EC5000i series provides superior image quality and manageable file sizes to ensure imaging accuracy and reduced storage costs. Software and product innovations have further improved the ease of use, performance, and connectivity. The EC5000i series will continue to shape the future of the ECC and bill payment industries.

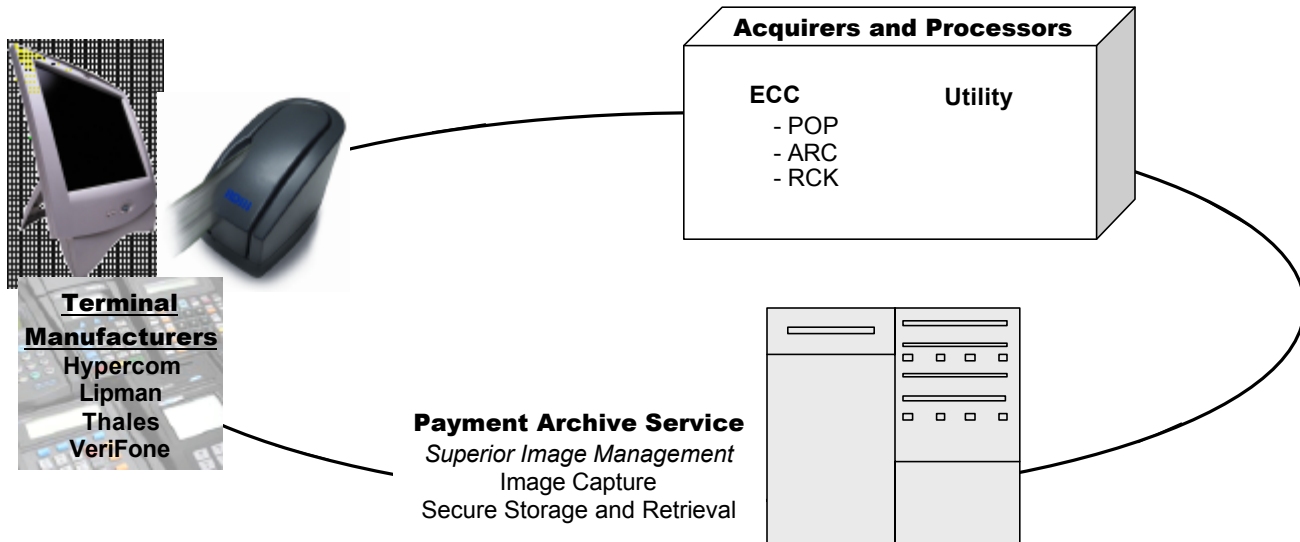
## Features

- **Industry leading MICR read rate that reads better than 99.9% and an optical MICR read option which will further improve the EC5000i series MICR read rate**
- **Optical read of alphanumeric OCR A/B font**
- **High quality images that provide a clear full check image that compresses into a small file size for fast image processing.**
- **Versatile for use in imaging non-MICR documents such as credit card receipts or remittance coupons.**
- **Easy deployment with minimal field installation and configuration requirements.**
- **Full integration with most manufacturers of point-of-sale EFT terminals and Windows based applications.**
- **Small footprint to maximize counter space.**
- **Superior paper handling that reduces paper jams and imaging errors.**



## ECC and Bill Payment Solutions

The successful implementation of an Electronic Check Conversion or Bill Payment program involves a number of different factors and components. RDM has simplified the process with our complete ECC and Bill Payment solutions. Our EC5000i series of imagers combined with Payment Archive Service, software solutions and strong partnerships with processors and terminal manufacturers allows RDM to offer the most comprehensive ECC and bill payment solutions in the industry. .



## Specifications

Memory	4, 16 & 32 Mbits of flash RAM units available
Image	<ul style="list-style-type: none"> <li>- CCITT Group 4 compression (ITU T.6) of bi-level image</li> <li>- TIFF 6.0 file format</li> <li>- MICR line with transaction information included in header description tags of check image</li> <li>- OCR line with transaction information included in header description tags of bill stub</li> <li>- Image size varies according to document, typically 10kb or less</li> <li>- High quality 200 dpi nominal</li> </ul>
Documents	Minimum: 4.25" x 2.75" Nominal: 6" x 2.75" Maximum: 8.5" x 3.67"
Ports	<ul style="list-style-type: none"> <li>- RS 232 (RJ45) (57,600 BPS) to host internal modem (RJ11 (33,600bps)</li> <li>- RS232 (mini DIN9) for POS terminal connection</li> <li>- RS232 (mini DIN8) for printer pass-through connection</li> </ul>
OCR Font	Alphanumeric OCR A and B recognition
MICR Font	E13B MICR character set
Modem	33.6Kb internal modem
Software	ActiveX ADK for Windows
Dimensions	6.75" long x 3.75" wide x 5.75" high
Power	12V DC, Amperage 1A



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