Digital Imaging
RDM SYNERGY II

RDM®

Transforming Payments

Product Overview

RDM SYNERGY II is a powerful all-in-one (stand-alone) electronic payment solution, delivering the perfect solution for Electronic Check Conversion (ECC) and Remote Deposit Capture (RDC) Check 21 transactions, as well as credit, debit, EBT and loyalty/gift cards.

RDM SYNERGY II provides multiple application/ merchant support for all industry types including; retail, retail with tip, MOTO, hospitality, hospitality with tip. In addition to RDM's industry leading 'single pass' Progressive MICR Method, RDM SYNERGY II is equipped with IQA (Image Quality Analysis) for maximum accuracy.

The compact design of RDM SYNERGY II minimizes the use of valuable counter space and offers a simple, straightforward user interface. With configurable double or single sided imaging, integrated keypad, magstripe reader, thermal printer and franker, it is the only terminal you will need for all non-cash payments.

Key features

- Accepts all form of non-cash payments in one feature-rich compact unit
- Linux-based operating system for easy application development
- Ethernet/Modem communication
- Configurable single or dual-sided imaging

- Multiple application/merchant support with true firewall capabilities (credit, debit, EBT, loyalty & Gift cards)
- Powerful Point of Sale, Back Office, Check 21 processing compatibility for Electronic Check Conversion (ECC) and Remote Deposit Capture (RDC)
- Industry leading single pass progressive MICR method
- Class A & B certified with major processors and check databases

Specifications

Image

- CCITT Group 4 compression (ITU T.6) of bi-level image. On board IQA (Image Quality Analysis)
- TIFF 6.0 file format
- High quality 200 dpi nominal
- Image size varies according to document, typically 10kb or less

Document Size

- Minimum: 2.17" W x 4.4" L
- Maximum: 4" W x 9" L

Microprocessor

- Renesas (Hitachi) SH-3 32-bit RISC 133 Mhz

Communication Ports

- Power: 4 Pin (24VDC and 8.5VDC)
- USB: (Not Functional)
- AUX: Mini-DIN 8-pin (RS232)
- COM: Mini-DIN 9-pin (RS232)
- TEL: RJ11 (33,600bps Modem)
- Ethernet: RJ45 (10/BaseT Ethernet)

Magnetic Stripe Reader

- Three tracks, bidirectional

Bi-directional Check Drive

- Visual confirmation of approval disposition of checks

Graphics/Multi Language Capable Thermal printer

- 24 characters per line, graphics capable, multi-font, multi language

Franking Acknowledgement Printer

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

Graphic LCD Display

- 128 x 64 backlit graphic configurable LCD display
- Up to 8 lines of text, 21 characters per line

Keypad

- 20 key alphanumeric keypad, 4 software configurable, display associated, soft keys

Memory

- Flash memory for storing images, user data and client applications

Fonts

- E13B MICR character set

Physical (with receipt printer)

- Dimension: 11.8" L x 5.9" W x 5.3" H
- Weight: 6 lbs with power supply

Power

- Input 100-240V 50-60Hz 1.5A
- Output V1: 8.5V DC 3A / V2: 24V DC 0.5A

Internet Bandwidth

- An Internet connection upload speed of at least 500 kbps is recommended
- Dual Comm: IP Modem Backup

About RDM Corporation

RDM Corporation is a leading provider of remote deposit capture (RDC) and complex desktop remittance processing solutions designed to help clients simplify the way they do business. RDM processes over $600 billion in payments annually and helps corporations and financial institutions increase revenue, expand marketshare and improve customer service for over 30,000 end-users. Four of the top ten financial institutions in the United States use RDM's payment processing solutions. RDM serves 32 percent of the top 100 Fortune 500 companies including brokerage firms, big box retailers, healthcare and insurance providers, and government entities. For over 25 years, RDM has worked with clients to provide both software and hardware solutions including webbased and mobile RDC for large corporate clients and small businesses, transactional data management, and manufactures a wide range of digital imaging scanners. RDM was recently named to the Branham300 list, which highlights the top Canadian and multinational companies serving the Information and Communication Technology (ICT) marketplace. For more information, visit **www.rdmcorp.com**.