



# CR 1000i

## REDUCE THE COSTS OF HANDLING CHECKS WITH ADVANCED CHECK IMAGING TECHNOLOGY

**THE VERIFONE CR 1000i** check and document reader offers merchants an easy and efficient way to take advantage of the benefits of check conversion and check imaging at the point of sale (POS). Paper checks are quickly and conveniently converted into secure electronic documents — greatly reducing the costs associated with handling, storing, processing, and collecting checks. The CR 1000i allows ISOs to generate incremental hardware sales as well as ongoing revenues from the check conversion services it supports.

### FLEXIBLE TO FIT IN VIRTUALLY ANY RETAIL ENVIRONMENT

The CR 1000i integrates with the payment application to extend check conversion support to the POS. What's more, a separate fast modem reduces the time and cost of submission of large image files.

### SINGLE-STEP CHECK READING AND IMAGE COMPRESSION

With the CR 1000i, check conversion and imaging are accomplished in a single step. The clerk simply feeds a check into the device, where a contact image sensor captures a 300-dot-per-inch (dpi) black-and-white image of the key elements of the check, including name and address, bank information and signature line.

Once the device has captured the needed information, the CR 1000i uses intelligent imaging algorithms to reduce the size of the check image data, optimizing the record size for storage and transmission. Transferring images to the host archive is a snap via the internal 56-Kbps modem, which can be set to automatically transmit images at a prescribed time each day.

### BENEFITS AT A GLANCE

- Dramatic reduction in the cost of handling, processing and collecting checks
- Flexibility to fit into any POS environment
- Superior accuracy and intelligent imaging capabilities in a single step
- Compact, stylish design that optimizes counter space



## FEATURES & BENEFITS

- Simplifies and streamlines the check conversion process, providing significant cost savings compared with manual handling of paper checks
- Fully compatible with VeriFone Omni 3200se and Omni 37xx terminals in a dial environment
- Reduces phone costs and time associated with uploading images to host by employing an industry-leading 56-Kbps internal modem
- Flat-bed design in over/under terminal mount provides smallest combined footprint in the industry
- Uses a contact image sensor to create high-resolution, 300-dpi black-and-white images of checks
- Optional "Reduced Quality Mode" cuts image file sizes in half while maintaining highly legible and crisp images
- Takes advantage of a sophisticated, bi-directional two-pass algorithm to increase the accuracy of MICR-encoded information, in a single step
- Advanced imaging technology minimizes file sizes for efficient storage and transmission—stores 200 to 400 checks in memory before transmission to bank or clearing organization
- Incorporates Flash memory and battery-backed RAM to handle remote downloads of firmware updates
- Provides the assurance of VeriFone's reputation for quality, reliability and innovation



CR 1000i stand-alone



CR 1000i multi-lane option

## SPECIFICATIONS

### Base Terminal

#### Microprocessor

Motorola 68302, 16-bit CPU

#### Memory

2MB of Flash RAM; 1.25MB of SRAM

#### Contact Image Sensor

300 dpi, black and white

#### Connectivity Options

##### Stand Alone Option

1 serial RJ-45 port for RS-232 with handshaking; 1 serial RJ-45 port for ECR tailgate (with 12VDC power in) and/or RS-232 port with handshaking; 1 56-Kbps V.90 internal modem

##### Multi-Lane Option

1 serial RJ-45 port for RS-232 with handshaking; 1 serial RJ-45 port for ECR tailgate (with 12VDC power in) or for RS-232 with handshaking; 1 USB including 12VDC power in; 1 Ethernet 10BaseT port

#### E13B Magnetic Ink Character Recognition (MICR) Reader

Capable of 1- or 2-pass reads

#### 2-Color Status LED

#### Software

Configurator Utility — Allows easy, Windows-based creation of configuration parameters

Generic, Embedded Application — Allows configuration parameters to be downloaded at the point of manufacture or deployment, or in real time in the field

#### Physical

Height: 3.00 in (76.2 mm); Width: 5.25 in (133.4 mm); Depth: 7.50 in (190.5 mm); Shipping Weight: 3.5 lbs (1.6 kg)

#### Power Requirements

Voltage: 12VDC; Amperage: 1A

#### Environmental

41° to 104° F (5° to 40° C) operating temperature; 15% to 95% operating humidity, non-condensing

#### Option(s)

Mounting Stand compatible with VeriFone Omni<sup>®</sup> terminals