

# VPR 451e

.....



## Optical-RFID portable reader

---

We have great pleasure in introducing our latest product: the VPR 451e optical-RFID reader - a leader in the "swipe move" optical reader field. Vicomp's many years of experience in the field of document reading systems have resulted in this product's combination of outstanding reliability with the high performance of our standard VPR readers. The latest modular construction maximises the reader's flexibility, enabling it to be adapted to a wide variety of different applications. Cutting edge technology allows user input in both the reader's design and user-defined features.

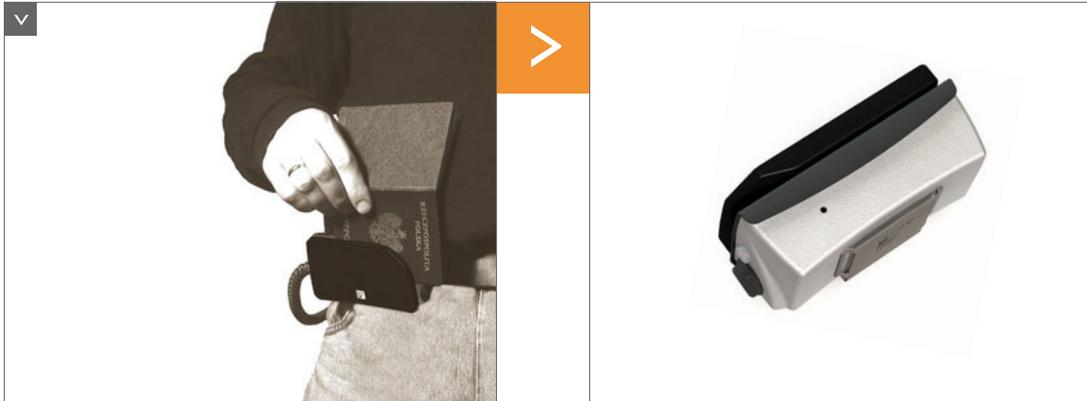


## General description

The VPR 451e optical-RFID reader is a specialised device designed to read OCR and RFID information contained in Machine Readable Passports, Visas, ID-cards and other travel documents. It captures machine readable codelines in single hand "swipe" operation and transmits recognised data to a host computer.

In the next step all data from RFID tag embedded in e-Passport can be retrieved.

External computer collects data and optionally verifies its conformance to the user-defined data base, or sends information outside.



## Features & benefits

- \_ hand swipe operation .....
- \_ no moving parts .....
- \_ power saving .....
- \_ auto power on & off .....
- \_ fast efficient read algorithm .....
- \_ variable scanning rate .....
- \_ 37 character set .....
- \_ easy to use .....
- \_ minimal operator training .....
- \_ compact style .....
- \_ low error rate .....
- \_ virtual maintenance free .....
- \_ wireless interface .....

## Technical data

### Specification

hand swipe speed: up to 110 cm/s  
 recognition speed: 100 char/s  
 MTBF: 200 000 hours

### RFID

ICAO e-Passport compatible  
 full support of ISO14443A and ISO14443B tags  
 up to 848 kbit/s airspeed

### Power consumption

The reader is powered from an internal battery pack (2xAAA), which assures more than 6000 documents readings (OCR+RFID).  
 When not being used reader enters "sleep mode"

### Dimensions

length: 128 mm  
 width: 60 mm  
 height: 69 mm  
 weight: 65 dkg with batteries

### Environmental

operating temp.: -20 °C /+40 °C  
 operating humidity: 40% - 90% RH

### Interface

Bluetooth class 2 (10m range)  
 or USB 2.0 (option)

VICOMP Ltd  
 01-211 Warsaw, Poland ul.Kasprzaka 22  
 tel.fax 48-22 632 07 95  
 email: office@vicomp.com.pl  
 www.vicomp.com.pl