

# VPR 610e

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## Optical-RFID reader

We have great pleasure in introducing our latest product: the VPR 610e 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

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The VPR 610e optical-RFID reader is a specialized 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 recognized 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 .....
- \_ fast efficient read algorithm .....
- \_ variable scanning rate .....
- \_ 37 character set .....
- \_ easy to use .....
- \_ minimal operator training .....
- \_ compact style .....
- \_ low error rate .....
- \_ virtual maintenance free .....



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## Technical data

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### Specification

hand swipe speed: up to 130 cm/s  
 recognition speed: 100 char/s  
 MTBF: 80 000 hours  
 MTTR: 10-20 min.

### RFID

ICAO e-Passport compatible  
 full support of ISI14443A and ISO14443B tags  
 up to 848 bit/s airspeed  
 PC/SC driver available

### Power requirements

USB powered, I = 500 mA  
 Version with external power supply  
 available as an option

### Dimensions

length: 155 mm  
 width: 120 mm  
 height: 70 mm  
 weight: 105 dkg

### Environmental

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

### Interface USB

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