

# VPR 470

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S E R I E S



## Optical-RFID portable reader

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We have great pleasure in introducing our latest product: the VPR470 Series optical-RFID portable 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, high performance and power efficiency. 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 VPR470 optical reader is a specialised device designed to read OCR 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.
- > The VPR470e variant uses built-in RFID reader to retrieve e-data from e-Passport and other e-documents.
- > Bluetooth link is used for communication with external computer, for reader control and user-defined post-processing.
- > VPR470/470e use built-in Li-Ion battery. No direct cable connection is required between the computer and the reader during operation. Small size and reduced weight of the reader makes it perfect choice for integration with handheld computers and smartphones.



## Features & benefits

- \_ hand, bidirectional swipe operation .....
- \_ no moving parts .....
- \_ power efficient .....
- \_ 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 .....
- \_ user upgradeable firmware .....



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



## Technical data

### Specification

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

### RFID (VPR470e only)

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

### Power supply

Internal Li-Ion battery,  
Document readouts on single charge:  
\_ up to 2500 OCR+RFID documents  
\_ up to 10000 OCR-only documents  
Charger: standard 5V micro-USB style charger

### Dimensions

length: 91 mm  
width: 36 mm  
height: 90 mm  
weight: 145 g incl. batteries  
Weight and dimensions are without optional mounting bracket.  
We offer mounting bracket for Samsung Galaxy Tab 2 7.0.  
Please contact Vicomp for availability of other mounting options.



### Environmental

operating temp.: 0°C /+40°C  
operating humidity: 10% - 90% RH

**Interface:** Bluetooth class 2 (10m range)