

VPR 620e

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Optical-RFID reader

We have great pleasure in introducing our latest product: the VPR 620 e 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 620e 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.



Technical data

Features & benefits

- _ hand, bidirectional 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 maintance free
- _ wireless interface
- _ upgradeable firmware

Specification

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

RFID

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

Power requirements

USB powered, I = 500 mA

Dimensions

length: 120 mm
width: 75 mm
height: 72 mm
weight: 340 g

Environmental

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

Interface: USB

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