

ID DOCUMENT READERS

## OCR640e

Full-page Document Imager & eMRTD Reader

### Reads MRZ and Simultaneously Processes RFID

The OCR640e Desktop is a full-page, multi-illumination ePassport reader. It captures ultraviolet and infrared images as well the full page of a passport in colour.

In a simultaneous single action the reader also decodes the machine readable zone (MRZ) and processes RFID data – including the holder's image – from the chip.



### Fast and Accurate Document Reading

The OCR640e automatically detects when a document with machine readable data has been presented. Additionally, it is able to compensate for out-of-position MRZ data, so that the advanced recognition engine reliably provides highly accurate and very fast document reading capability, allowing large volumes of documents and smart cards to be processed quickly and efficiently.



### User Feedback for Intuitive Operation

The unit features blue, amber, green and red LEDs to inform the user of status: ready to scan, processing, successful scan; or to indicate an issue with the document. The unit can be programmed to provide audible feedback to confirm a successful read, signal premature removal of a document and flag a variety of data details.

The OCR640e has a compact, robust design and is designed for years of heavy-duty, frontline use.



## Device Features

### Connection Types

USB

### Technology

NFC / RFID

QR/Barcode\*

OCR

### Image Capture

Visible

Ultraviolet\*

Infrared

### Reader Size

Full Page

Optional\*

### Features

#### Image Capture

Captures high-resolution images in multiple wavelengths – Visible, IR and UV

#### Contactless Capability

ISO 14443 contactless RFID reader/writer supports ICAO LDS standards including BAC, PA, AA, EAC and SAC

#### Space Saving

Designed to simply sit on a desktop for the ultimate flexibility. OEM version also available

#### Reads From All Media

1D/2D barcodes read from smartphones, tablets, smart watches and paper documents

#### MRZ Reading

Reads from ICAO 9303 compliant documents, including e-Passports, ID cards & visas as well as ISO 18013 compliant driving licences

## Applications

- Border control, immigration and law enforcement
- Tax refunds and money exchange (data capture)
- Banking & mobile network operators (KYC & AML)
- Hotel, airport and car rental check-In
- Gaming and liquor stores (age verification)
- Hajj & Umrah Travel Authorisation
- Document & visa issuance

## OCR Reading Capabilities

Standard OCR fonts: OCR-B

Machine readable passports (MRP):  
2 lines of 44 characters to ICAO 9303

Machine readable visas (MRV):  
2 lines of 44 characters, 2 lines of 36 characters to ICAO 9303

Travel documents: 2 lines of 36 characters, 3 lines of 30 characters

## Imaging

Active scan area: 132mm x 88mm

Illumination source: Near IR B900,  
UV LED's

Resolution: 400 DPI

Image Capture: (Half-page) JPG,  
BMP, TIFF, PNG

## Barcode Reading (option)

Linear (1D): EAN / UPC, Code 2 of 5,  
Interleaved 2 of 5, IATA 2 of 5, Code  
39, Code 128 \*

2D: IATA resolution 792, PDF417,  
Aztec, DataMatrix and QR codes \*

\* Full list of supported barcodes  
available upon request

## Contactless RFID Reading (option)

Interoperability: ICAO DOC 9303,  
LDS1.7, ISO18013 (Driving Licence),  
PA, AA, BAC, EAC v1.11 (CA, TA), EAC  
v2.0x (PACE v2, ICAO SAC, CA v2,  
TA v2)

Operating frequency: 13.56 MHz

Supported documents: ISO 14443  
type A & B auto-detecting; secure  
and high-speed data transmission;  
Mifare memory card support (Mifare  
ultralight, 1K, 4K cards)

App. interface: PC/SC compliant  
device

## Communications & Host

Communication: USB 2.0 high speed

Host: Windows 7 and above, Win  
32/64 bit; Pentium-4 3GHz and 2GB  
RAM min

## Mechanical

Size (WxDxH): 163 x 147 x 154mm

Body: Dark Grey ABS

Glass Platen: 4mm Toughened  
Conturan - BS EN60068-2-75 & IEC  
62262:2002, rated to 6.375J impact

Weight: 850g

Security: Kensington® security slot

## Power

Input voltage: +24VDC via DC jack

Cable: Detachable host cable

## Environmental

Temperature:

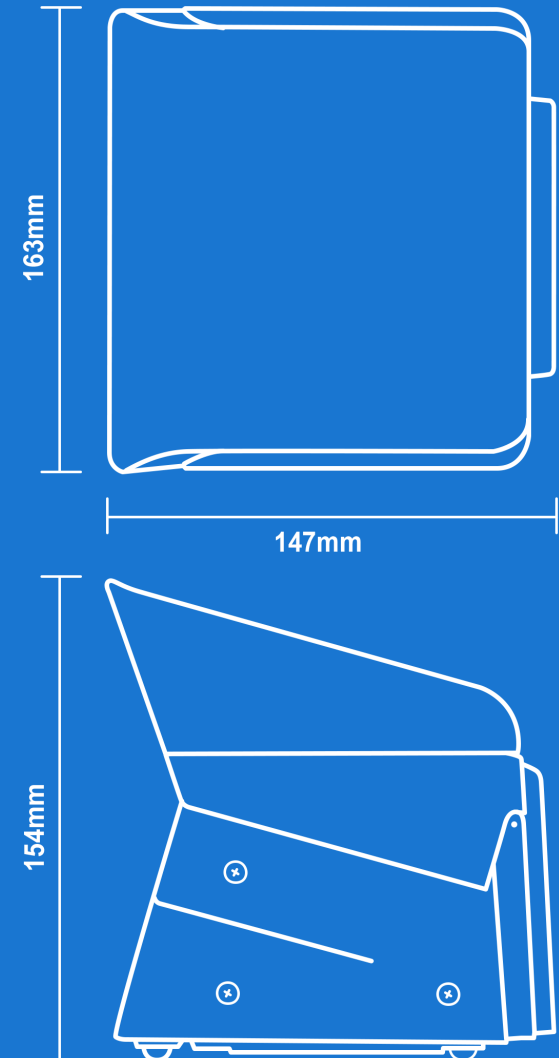
Operating: 0°C to 50°C

Storage: -0°C to 60°C

Humidity: 0 to 95% non-condensing

## Approvals

FCC 47CFR Part 15 Subpart B Class  
A, EN 55022 Class B, EN 55024, FCC  
47CFR Part 15 Subpart C, ETSI EN  
302 291, EN 60950-1



## Get In Touch

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