

# OCR601-Mk2

## Half-Page MRZ Reader for Passports, ID Cards and Contactless Cards



### ACCURATE AND FAST

The OCR601-MK2 is a machine-readable zone (MRZ) data reader with RFID functionality, to simultaneously decode the contents of an ePassport or contactless smart card. The OCR601-MK2 automatically detects when a document with machine readable data has been inserted and its advanced recognition engine provides highly accurate and instant data capture and decoding.

### SIMULTANEOUS CAPTURES AND PROCESSES

By integrating the contactless RFID reader/writer the device simultaneously and efficiently captures and processes data fields, including the holder's image, from the chip. This combined functionality provides a robust and cost-effective alternative to full-page, multi-illumination ID scanners such as the ATOM® Document Reader.

### EASY INTEGRATION

The compact, robust design enables easy integration into self-service kiosks and gates, or use as a desktop device. Its rugged manufacturing ensures years of indoor and outdoor, frontline, public use.

### APPLICATIONS

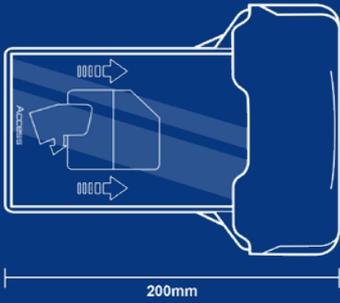
- Border control and immigration
- Kiosks and self-service auto eGates
- Hotels & hire car registration
- Document issuance (passport, visa, etc.)
- Airport passenger data
- Identification verification



### FEATURES:

- Single Action - ePassport MRZ and chip reading are carried out simultaneously
- Instant Response - High-speed recognition engine for instant detection/reading
- Low-Cost Alternative - Offers a cost-effective alternative to full-page, multi-illumination scanners
- Audio Feedback - Programmable audio 'beep' for user feedback.
- Documents Read - Reads MRZ from ICAO 9303 compliant documents as well as ISO 18013 compliant driving licenses
- Contactless RFID Reader - Option for ISO 14443 reader/writer supports ICAO LDS standards, including BAC, PA, AA, EAC and SAC

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## FEATURES

Connection Types

USB

Reader Size

Half Page

Technology

NFC / RFID

OCR / MRZ

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READING CAPABILITIES	
<b>OCR (Optical Character Recognition)</b>	ICAO compliant travel documents in near infrared (IR) per ICAO 9303 specification Parts 1-4 (2- and 3-line MRZ) Near ICAO compliant travel documents (e.g. French ID) ISO-18013 driving licences (1-line MRZ)
<b>Imaging</b>	Active scan area: 5 x 1 in (132 x 30 mm) Illumination source: Near IR B900, 880nm Resolution: 235 DPI Image Capture: (Half-page) JPG, BMP, TIFF, PNG
<b>Contactless RFID Reading</b>	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
ELECTRONIC	
<b>Power Supply</b>	Input voltage: +5VDC via DC jack Cable: Detachable host cable
<b>Communications &amp; Host</b>	USB 2.0 high speed Windows 7 and above, Win 32/64 bit; Pentium-4 3GHz and 2GB RAM min
PHYSICAL	
<b>Dimensions</b>	6 x 8 x 2 in (156 x 200 x 57 mm)
<b>Body</b>	Dark Grey ABS
<b>Weight</b>	30 oz. (860g)
<b>Maximum Document Width</b>	5 in (132 mm)
THERMAL (AIR)	
<b>Temperature</b>	Operating 32°F to 122°F ( 0°C to 50°C)
<b>Storage</b>	-4°F to 140°F (-20°C to 60°C)
<b>Humidity</b>	0-95% non-condensing
APPROVALS	
	Safety: FCC Part 15C Class A CE EMC directive CE Low Voltage Directive IEC 60950-1:2005 (2nd Edition)

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