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WG OCR Reader

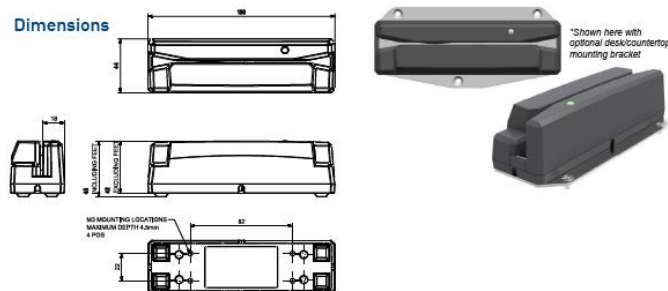


The WG OCR Readers are compact and robust. The devices can simply be attached to a variety of handheld and ultra mobile PCs, tablets, standard desktop keyboards and monitors, or act as standalone units as part of the data capture process, such as Know Your Customer, age verification and airport check-in. The interface connection is via USB. The track length and single slot design are optimised to ensure that passports and ID cards are correctly aligned for consistent and accurate reading.

The OCR decoder has an advanced recognition engine that provides highly accurate and very fast document reading.

The WG OCR315e bidirectional reader can read machine-readable passports (MRP), visas (MRV), US and international residence permits as well as European and other national ID cards conforming to ICAO 9303 & ISO/IEC 7501-1 (2 and 3-line MRZ). It will also read the new ISO/IEC 18013-1 driving licences (1-line MRZ), so is future-proofed.

The WG OCR316e model features all of the above and also integrates a three-track MSR and is able to read credit and debit cards, loyalty cards and frequent flyer cards.



STANDARD FEATURES

WG OCR315e

- Compact, flexible design with a small footprint
- Reads machine readable passports, visas and travel cards conforming to ICAO Document 9303
- Rapid and accurate reads using Access' established OCR decoding technology
- Rubber feet for stable, non-slip, bidirectional swiping
- Bicolour LED and audible good/bad read indicators
- Free standing or desk, device and VESA monitor mounting
- Multiple cable lengths and exit positions
- Firmware download/upgrade capability.

WG OCR316e

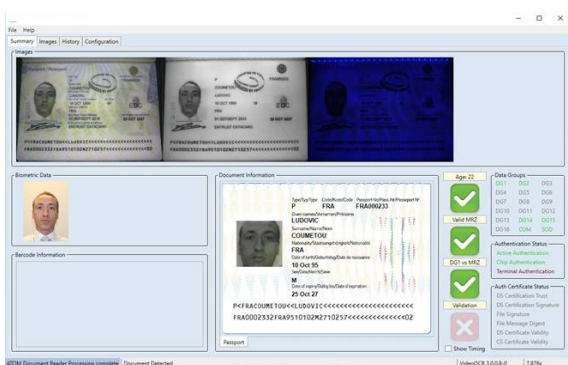
- As the WG OCR315e, with an additional bidirectional, 3-track MSR conforming to ISO 7811/2-5 tracks 1, 2 and 3.

APPLICATION

- Airport check-in, gate applications and security checks
- AQQ, eBorders and APIS generation
- Duty Free and Tax Free
- Hotel and car hire registration
- Border control and police applications
- Elections and biometric enrolments
- Banking ID checks.

PRODUCT SELECTION

Model/Type	MRZ Read	MRS Read
WG OCR315e	Yes	No
WG OCR316e	Yes	Yes



SPECIFICATION

Connection and interfaces

- USB2.0 full-speed interface
- USB HID, CDC (virtual serial) and keyboard wedge options
- OS support: Windows, Android, Linux

Environmental

- Operating temperature: 0 °C to 50 °C
- Storage temperature: -20 °C to 60 °C

Approvals

- Safety: EN 60950-1: 2006
- EMC: FCC 47CFR Part 15 Class A;
- EN 55022: 2006 + Amd1: 2007;
- EN 55024: 1998 + Amd1: 2001 + Amd2: 2003

VESA Monitor Brackets

- Access-IS can supply a number of standard VESA mounting brackets. Please contact us to see if your monitor is supported. MOQ applies to custom designs.

OCR reading capabilities

- 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)

Magnetic swipe reader (WG OCR316e)

- Three-track magnetic cards complying with ISO7811/ 2-5
- Electrical specifications
- Input voltage: +5 VDC, <250mA via USB connection

General

- Illumination: Near IR B900, 870nm +/- 2.5%
- Overall dimensions: 150L x 44W x 45H mm
- Weight: 200g
- Beeper: Single beep for good read, 3 beeps for bad read
- Indicators: Power and good and bad read LED indication
- Cable Length: 25cm and 1.5m options
- Colour: Dark grey

