

## OCR316e

USB OCR & MSR Reader

### Flexibility To Suit Any Application

The OCR316e is a compact and robust OCR reader. It 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.

### Accurate and Fast

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



### Easy To Use...Swipe in Either Direction

The 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.



### Magnetic Stripe Reading

It also integrates a three-track MSR and is able to read credit and debit cards, loyalty cards and frequent flyer cards.

### Multiple Installation Options

Representation of the OCR315e and OCR316e mounting options: monitor, keyboard and mobile device. Desk mount bracket available from Access-IS.



## Device Features

### Connection Types

USB

### Technology

OCR / MRZ

MSR

### Reader Size

Swipe

### Features

#### Space Saving

Compact, flexible design with a small footprint

#### User feedback

Green and red indicator lights and audio beeper

#### Flexible Design

Free standing, desk mount or VESA monitor mounting

#### Easy Software Upgrades

FLASH upgradeable software

#### MRZ Reading

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

#### MSR Reading

bidirectional, 3-track MSR conforming to ISO 7811/2-5 tracks 1, 2 and 3

#### Simple Installation

Multiple cable lengths and exit positions

## Applications

- Airport check-in, gate and security checks
- AQQ, eBorders and APIS generation
- Duty-Free and Tax Free
- Hotel and car hire registration
- Border control and police security applications
- Elections and biometric enrollments
- Banking ID checks
- Hajj & Umrah travel authorisation

### 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

Three-track magnetic cards complying with ISO7811/ 2-5

### Communications & Host

USB 2.0 full-speed interface

USB HID, CDC (virtual serial) and keyboard wedge options

OS support: Windows 7 & above, Android, Linux

### Mechanical

Size (WxDxH): 150 x 44 x 45mm

Body: Dark Grey ABS

Weight: 200g

Illumination: Near IR B900, 870nm +/- 2.5%

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

### Power

Input voltage: +5VDC, <250mA via USB connection

### Environmental

Temperature:

Operating 0°C to 50°C

Storage: 0°C to 60°C

### Approvals

Safety: EN 60950-1: 2006

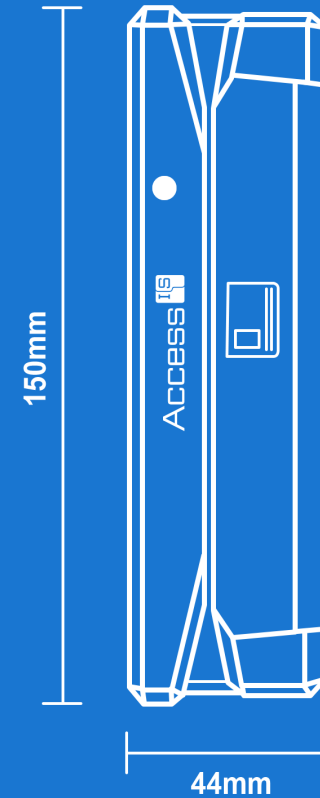
EMC: FCC 47CFR Part 15 Class A

EN 55022: 2006 + Amd 1: 2007

EN 55024: 1998 + Amd 1: 2001 + Amd 2: 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.



## Get In Touch

You can get in touch via our website at [access-is.com](https://access-is.com) or by phone and email:

+44 118 966 3333 [sales@access-is.com](mailto:sales@access-is.com)