OCR315 / OCR 316
USB OCR Reader with Optional MSR

Compact USB OCR reader for reading passports and ID cards with optional MSR

Description

The OCR315 and OCR316 are compact and robust OCR readers. 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 check-in process. The interface connection is via USB. The track length and single slot design is 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 OCR315 bi-directional reader can read 2-line and 3-line MRZs from passports, ID cards, machine-readable visas and ICAO9303 travel documents.

The OCR316 model also integrates a three-track MSR and is able to read credit and debit cards, loyalty cards and frequent flyer cards as well as MRZ documents.

The OCR315 and OCR316 are designed and manufactured in the UK to ensure rugged, robust quality.

OCR315/316 compact OCR document reader

Applications

- Airport check-in and gate applications and security checks
- AQQ, eBorders and APIS generation
- Duty Free
- Hotel and car hire registration
- Portable border control applications
- Police identification-checking
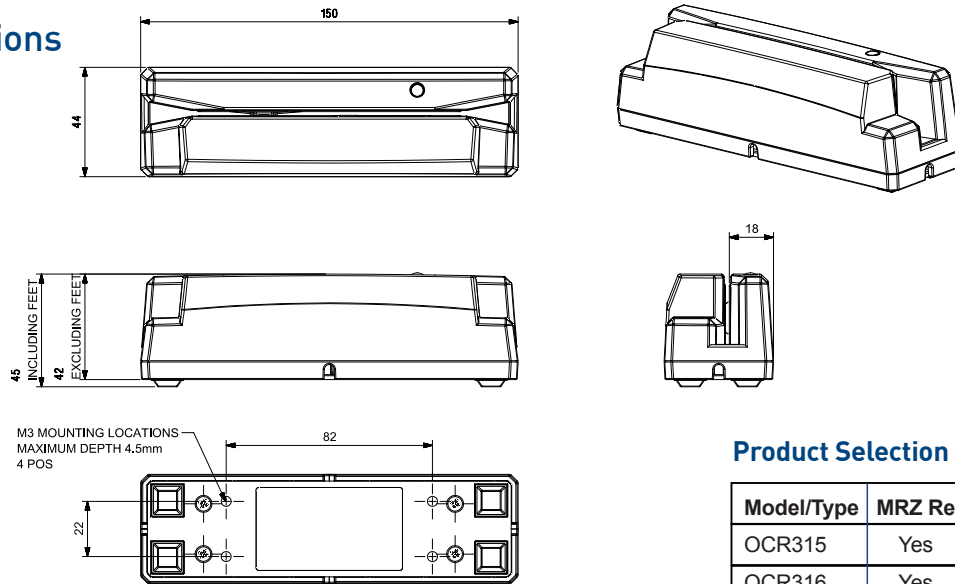- Banking ID checks

Features

OCR315

- Compact design and small footprint
- USB 2.0 interface (USB HID, keyboard and virtual serial interfaces)
- Reads machine readable passports, visas and travel cards conforming to ICAO Document 9303
- Rapid and accurate decoding using Access' established OCR decoding technology
- Bidirectional OCR read
- Bi-colour LED and audible alarm providing good/bad read indication
- Can be used as free standing or mounted to monitors, keyboards or tablets
- Cable length options
- Multiple cable exit positions
- Firmware download / upgrade capability

OCR316

- As OCR315, with an additional bi-directional, 3-track MSR conforming to ISO 7811/2-5 tracks 1, 2 and 3.

The OCR315 and OCR 316 readers can easily be attached to standard sized monitors and keyboards

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Dimensions

150

44

INCLUDING FEET
EXCLUDING FEET

45
42

18

M3 MOUNTING LOCATIONS
MAXIMUM DEPTH 4.5mm
4 POS

82

22

Product Selection

Model/Type	MRZ Read	MSR Read
OCR315	Yes	No
OCR316	Yes	Yes

The OCR315 and OCR316 integrate well in a variety of ways with keyboards, monitors and tablets

OCR315/OCR316 series OCR and OCR/MSR document readers

Specifications

OCR read capabilities

Standard OCR fonts: OCR-B; and E13B (by special order only)

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

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

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

Magnetic swipe reader (OCR316 model)

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

General

Overall dimension:
150L x 44W x 42H mm (excluding feet);
x 45H mm (including feet)

Weight: 200 g

Beeper: Single beep for good read, 3 beeps for bad read

Indicators: Power and good and bad read LED indication

Cable Length: Short and 1.5m options

Colour: Dark grey

Connection and interfaces

USB2.0 full-speed interface

USB HID (virtual serial and keyboard emulation options)

Electrical specifications

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

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

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