

# OCR316-E

## USB OCR Swipe Reader With MSR



### FLEXIBILITY TO SUIT ANY APPLICATION

The OCR316-E is a compact and robust OCR reader. It can be attached easily to a variety of handheld, ultra-mobile PCs, tablets, standard desktop keyboards and monitors. It also functions as a standalone unit 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 optimized 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

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 and ISO/IEC 7501-1 (2 and 3-line MRZ). It will also read ISO/IEC 18013-1.

### MAGNETIC STRIPE READING

OCR316-E integrates a three-track magnetic swipe reader (MSR) and is able to read credit and debit cards, loyalty cards and frequent flyer cards.

### APPLICATIONS

- **Government:** Voter registration, biometric enrollments, border management, law enforcement processes
- **Banking and Finance:** Know Your Customer (KYC) processes for Anti-Money Laundering (AML) programs
- **Travel and Transportation:** API reading at check-in desks, travel authorization
- **Hospitality:** Age verification, guest registration, supporting ISO 31030 risk management procedures, VIP alerts
- **Retail:** Age verification, rental registrations, tax refunds
- **Enterprise:** Visitor and contractor management



### 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
- **MSR Reading:** Features a bidirectional 3-track MSR conforming to ISO 7811/2-5
- **MRZ Reading:** Reads from ICAO 9303 compliant documents including e-Passports, ID cards & visas as well as ISO 18013 compliant driving licenses
- **Easy Software Upgrades:** FLASH upgradeable software

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## FEATURES

Connection Types

USB

Reader Size

Swipe

Technology

OCR / MRZ

MSR

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## OCR316-E

|                                     | READING CAPABILITIES                                                                                                                                                                                                |
|-------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| OCR (Optical Character Recognition) | ICAO compliant travel documents in near infrared (IR) per ICAO 9303 specification Parts 1-4 (2- and 3-line MRZ)<br>Near ICAO compliant travel documents (e.g. French ID)<br>ISO-18013 driving licences (1-line MRZ) |
| Magnetic Swipe Reader               | Three-track magnetic cards complying with ISO7811/ 2-5                                                                                                                                                              |
|                                     | ELECTRONIC                                                                                                                                                                                                          |
| Power Supply                        | Input voltage: +5VDC, <250mA via USB connection                                                                                                                                                                     |
| Communications & Host               | USB 2.0 full-speed interface<br>USB HID, CDC (virtual serial) and keyboard wedge options<br>OS support: Windows 7 & above, Android, Linux                                                                           |
|                                     | PHYSICAL                                                                                                                                                                                                            |
| Dimensions                          | 6 x 2 x 2 in<br>(150 x 44 x 45 mm)                                                                                                                                                                                  |
| Body                                | Dark Grey ABS                                                                                                                                                                                                       |
| Weight                              | 7 oz. (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                        | 70 in (1.8m)                                                                                                                                                                                                        |
| VESA Monitor Brackets               | HID can supply a number of standard VESA mounting brackets. Please contact us to see if your monitor is supported. MOQ applies to custom designs                                                                    |
|                                     | THERMAL (AIR)                                                                                                                                                                                                       |
| Temperature                         | Operating 32°F to 122°F ( 0°C to 50°C)                                                                                                                                                                              |
| Storage                             | -4°F to 140°F (-20°C to 60°C)                                                                                                                                                                                       |
|                                     | APPROVALS                                                                                                                                                                                                           |
|                                     | Safety: EN 62368-1<br>EMC: FCC 47CFR Part 15 Class A, EN 55032 Class B, EN55035                                                                                                                                     |



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