OCR316-E
USB OCR Swipe Reader With MSR

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

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.

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

HID

OCR316-E

FEATURES

Connection Types

USB

Reader Size

Swipe

Technology

OCR / MRZ

MSR

Learn more >>

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) 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
ELECTRONIC	
Power Supply	Input voltage: +5VDC, <250mA via USB connection
Communications & Host	USB 2.0 full-speed interface USB HID, CDC (virtual serial) and keyboard wedge options OS support: Windows 7 & above, Android, Linux
PHYSICAL	
Dimensions	6 x 2 x 2 in (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 EMC: FCC 47CFR Part 15 Class A, EN 55032 Class B, EN55035