

## OCR340 OCR and MSR Document Reader

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### **OCR Reader with dual illumination**

- Reads Machine Readable Passports, Visas and Travel Cards conforming to ICAO Document 9303
- Reads documents conforming to IATA Recommended Practice 1720a for ATB and TAT tickets
- Optional bi-directional read
- Suitable for check-in, gate and immigration control applications

### **Magnetic Swipe Reader**

- Reads ISO 1,2 & 3 track credit cards
- IATA ATB2 722C format T1,T2,T3 & T4
- Reads in both directions
- Wide range of swipe speeds
- Long life magnetic head

### **Overview**

The OCR340 is a combined fast OCR reader and 4 track magnetic card reader. Compatible with leading Common User System software, the OCR340 may be used by airline check-in staff to accurately capture data for APIS applications, while the 4 track magnetic card reader may be used to read ATB2 coupons, frequent flier and credit card data.

The dual illumination OCR reader captures code lines from Machine Readable Travel Documents conforming to the international standard specified by ICAO in Document 9303 - including Machine Readable Passports (MRP), Visas (MRV), and OCRB encoded cards such as the US Resident Alien card and European national ID cards. For fraud prevention and reconciliation purposes, it can also capture OCR stock control numbers and ticket numbers printed on thermally printed ATB coupons and TAT documents as well as read the IATA bar code ticket number.

The OCR340 is extremely compact. Optional mounting brackets are also available to enable the OCR340 to be mounted at almost any angle and integrated into the smallest immigration, gate or check-in desk environment.

Host connection is via an industry standard RS232 interface through a detachable cable. The OCR340 is a lower power device and can usually be powered from a PC keyboard port, removing the need for a mains power supply unit.



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## Application:

The OCR340 document reader is designed for airline passenger travel document and card reading. Most Common Use Systems are supported and the reader can be adapted to add a new host or to support non-standard cards such as loyalty or frequent flyer. To ensure flexibility for the future, new firmware to add and modify features can be down-loaded to the unit.

## General Description:

The OCR340 combines a fast OCR Passport document reader with an integrated 4 track magnetic swipe reader into a very compact unit. Separate document channels are provided for OCR and MSR documents.

The dual illumination OCR reader reads passports, visas and other documents conforming to ICAO Document 9303, including:-

Machine Readable Passports (MRP) : 2 lines of 44 characters

Machine Readable VISA (MRV) :2 lines of 44 characters, 2 lines of 36 characters

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

It is also capable of reading OCR ticket data printed on accordance with IATA Recommended Practice 1720a including:-

ATB-1 type 407-E, 1403M, OCRB, OCRA and IATA 2of5 bar code data

The MSR reader performs bi-directional reading of ticket and boarding pass coupons conforming to IATA Resolution 722E and magnetic card data conforming to ISO 7811/2-5.

Both readers achieve reliable reading at fast and slow swipe speeds.

## Options:

The OCR340 has a range of options:-

- Keyboard port power adapter.
- Universal mains power supply.
- Tilt and swivel or wall mounting brackets

## Standard Specification:

**Mechanical:**      **Dimension:** 217 x 80 x 59 mm      **Weight:** 0.8 kg      **Colour:** Pearl white

**Host Interface:** Bi-directional, RS232 by 9-way D-type

### Electrical Specifications:

Power requirement: +5V dc

Current consumption: <250mA

### Approvals:

Safety: UL 1950 /IEC950

RF/EMI: EN 55022 ClassB

FCC Part 15

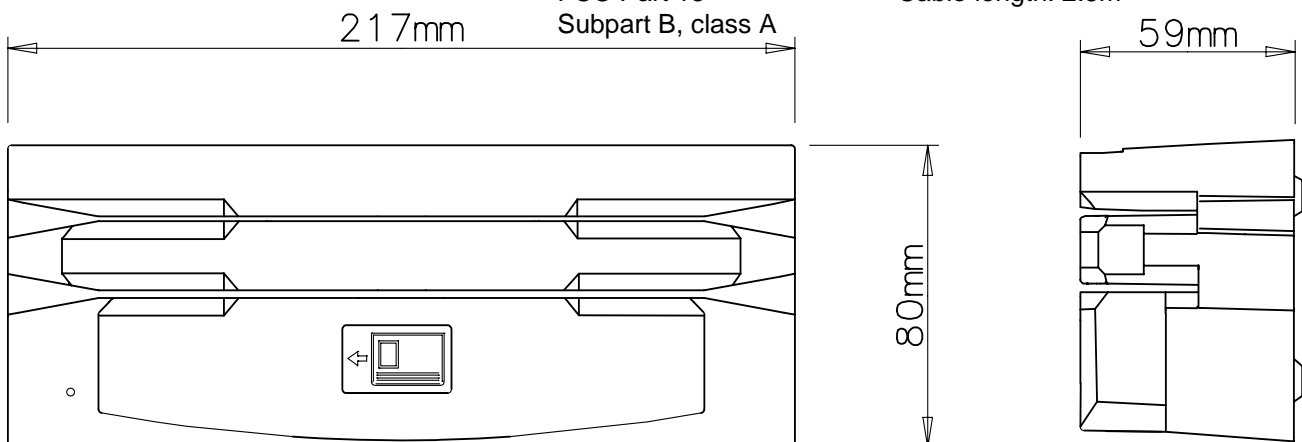
Subpart B, class A

### Mechanical Features:

Storage Temperature: -20°C to 60°C

Operating Temperature: 0°C to 50°C

Cable length: 2.5m



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