MCI 111 A Professional OCR reader keyboard

Description

This alphanumeric keyboard is the ideal solution for fast and clear input of machine-readable data. Up to three independent readers provide the user with support for fast data entry. The OCR reader for reading ID and similar documentation, the magnetic card reader for reading credit cards or access cards. The ergonomic design has been selected to achieve optimum adaptation to human motor function. The two internal readers operate bidirectionally, so that documents and cards can be fed through the reader in both directions. This me-ans that the input device is ergonomic and easy-to-use for both right and left-handed users.

This keyboard is the ideal solution in all situations in which fast recording of ID documents and credit card documentation is required. Example applications are airline check-in, car rental, rental of valuable items, hotel check-in, and skiing equipment rentals.

Features

- 3-track magnetic card reader
- MSR IATA FOID compliant (optional)
- OCR reader (OCR-B; other fonts available on request)
- Glide point
- Amadeus, Arinc, Resa, Sita, Travelsky and Ultra certifed
- Status indicator for good/poor reading
- Buzzer for acoustic feedback
- IP 54 spill-water and dust protection

PrehKeyTec GmbH is a leading international manufacturer of high-quality data input systems. Products include modular standard keyboards which are particularly suitable for professional use due to their high level flexibility and extreme reliability.

Data sheet

MCI 111 A Technical Data

OCR reader

- Power supply via USB 5V+- 5%
- Power consumption < 500 mA
- USB interface
- Control via virtual COM interface
- Bi-directional document feed
- Reads OCR-B data from machine-readable passports with 2 lines and maximum of 44 characters
- Reads machine-readable visas with 2 lines and max. 44 characters or 2 lines with 36 characters
- Reads machine-readable travel documents with 2 lines and 36 characters, or 3 lines and 30 characters

Magnetic card reader

- Bi-directional card swipe
- Reads track 1, 2 and 3 in accordance with ISO 7810, ISO 7811
- Additional configuration: AAMVA,CADL
- Parameters can be adjusted (header and terminator)
- Magnetic head can perform > 1 million swipes read cycles
- IATA FOID compliant (Masking of credit-card data)

PC connection

- USB

Keyboard electronics

- Freely programmable USB flash memory
- DB 9 connector for serial scanners (option)

4 status indicators

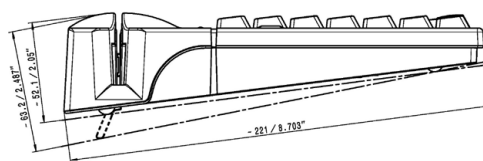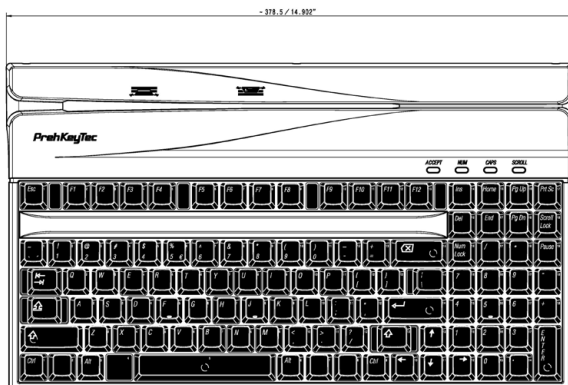ACCEPT, NUM LOCK, CAPS LOCK and SCROLL LOCK

Radio interference

The device complies with the limit values of the following standards with regard to radio interference:
1. EN 55022
2. FCC part 15, limit class A

Options

- Glidepad
- USB Port for external mouse
- Statistic counters for good/bad reads, operating hours, most used keys etc.
- Colored keys
- Different country layouts and fonts e.g. Cyrillic, Asian etc.
- Encryption
- Remote diagnostic, online support (requires SLA)

Subject to alterations 07/16 MS

Data sheet