



# MCR 1000

magnetic card and  
bar code label slot reader

The MCR1000 dual purpose slot reader can be obtained in several models. The choice is depending on the need to read cards with bar codes, or to read cards with magnetic stripe. Also a model to read both barcodes or magnetic stripe in one reader is available. All varieties are designed for use on a desktop without mounting.

The bar code slot reader has a built-in decoder, and a keyboard wedge or RS232 interface at choice. Therefore the scanned and decoded data from either the bar code card or magnetic card can be sent to your host system directly.

This makes it an ideal device for applications such as time control, attendance- or security access control, but it is also an ideal device to scan customer cards.

If needed an external device can be connected to the external port of the MCR1000. Data from the external device can be transmitted through the RS232 or keyboard wedge interface.

The MCR1000 is designed with one slot base, but more than one reading track, so that different badges can be scanned using one device. The sealed optical system gives protection in dusty environments and even maintains the perfect read rate on high density labels.

## Features

## Benefits

■ Autodiscrimination feature	■ Bar codes and magnetic cards can be read in one device.
■ Slot with flexible read options	■ Usable for all sorts of cards.
■ Compatible with keyboard and RS232 interfaces	■ Connects directly to the most common computer equipment
■ Sealed optical system	■ No performance reduction in harsh environmental conditions
■ Multi-colour LED indication Short description of LED colours on top of the slot reader	■ Provides clear indication of actions on the MCR1000.

# MCR 1221 magnetic card and bar code label slot reader

## Electrical specifications

Voltage requirement	5V $\pm$ 10% (supplied by PC)
Current consumption	max. 100 mA = operation consumption
Rush current	max. 3 mA
Idle current	50 mA (reader connected but not triggered) = storage consumption

## Magnetic card specifications

Reading method	Manual sliding
Sliding directions	Bi-directional
Card velocity	10-150 cm/s
Life time magnetic band	1.000.000 passages

## Functionality

Reading modes	<input type="checkbox"/> bar code card <input type="checkbox"/> magnetic card
Interfaces supported	<input type="checkbox"/> RS232 <input type="checkbox"/> keyboard wedge <input type="checkbox"/> external device (bar code reader)

## Environmental specifications

Temperature	<input type="checkbox"/> 0 - +40 oC in operation <input type="checkbox"/> -10 - +60 oC in storage
Humidity	<input type="checkbox"/> 20 - 80 % (non condensing) in operation <input type="checkbox"/> 20 - 90 % (non condensing) in storage

## Physical specifications

Dimensions (l x w x h)	125 x 50 x 40.5 mm
Case material	ABS
Weight	body : 140 g

Specifications are subject to change without notice. Printed 1999-10