

# ACR7x Series

## Magnetic Stripe Card Reader



### INTUITIVE USE

The ACR75 and ACR76 magnetic stripe card readers are manual swipe readers of high and low coercivity magnetic cards. Intuitive to use, the ACR7x magnetic swipe readers (MSRs) read in either swipe direction.

### USB CONNECTION

The ACR75 communicates as a USB keyboard device and does not usually require a device driver to be installed. Configuration settings can be programmed and downloaded using the SoftProg utility and stored within the reader. Header and terminators, data track selection, options to configure transmission of start and stop sentinels, and longitudinal redundancy check (LRC) data elements can be set.

### SIMPLE AND FLEXIBLE CONFIGURATION

The ACR76 installs with a Windows device driver. The driver interface allows users to choose data format as keyboard or serial data. In addition, parsing options can be configured to allow specific fields of data to be tested and conditional output formatting or data extraction rules to be set. The rules are stored as a registry key allowing an easy method for upgrade and for distribution on a large scale.

### APPLICATIONS

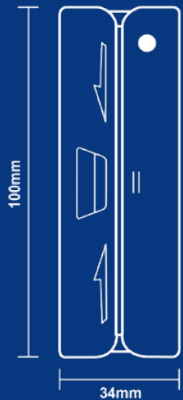
- Point of sale credit and debit card transactions
- Access control and time management
- Loyalty schemes
- Club or library membership management
- Computer security



### FEATURES:

- Simple Connection - Convenient USB interface
- User Feedback - Green and red indicator lights
- Space Saving - Compact design with a small footprint
- Intuitive Use - Bidirectional reading
- Flexible Mounting - Optional brackets allow mounting at almost any angle

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## FEATURES

### Connection Types

USB

### Reader Size

Swipe

### Technology

Magnetic Strip

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READING CAPABILITIES	
<b>MSR Reading Capabilities</b>	Card type: magnetic cards per ISO7810, ISO7811 Read capability: magnetic stripe 1-, 2- or 3-track of low or high coercivity (300 - 4000 Oe) Card thickness: 0.78 - 1.2mm Swipe speed: 5 to 55 inches/second Read error rate: <0.5% Magnetic head life: >500,000 swipe operations
ELECTRONIC	
<b>Power Supply</b>	+5 VDC (+/- 10%) Consumption: 35mA max Communications & host Communication: USB 1.1
<b>Ordering information</b>	Keyboard Output: ACR75ABN2 HID Output: ACR76BN2
PHYSICAL	
<b>Dimensions</b>	4 x 1 x 2 in (100 x 34 x 40 mm)
<b>Body Colour</b>	Black
<b>Weight</b>	4 oz. (120g)
<b>Cable Length</b>	6 ft (1.75m)
THERMAL (AIR)	
<b>Temperature</b>	Operating 14°F to 131°F (-10°C to 55°C)
<b>Storage</b>	-22°F to 158°F (-30°C to 70°C)
APPROVALS	
Safety: EN60950 RF/EMI: EN55024, EN 55022 Class B, FCC Part 15, Subpart B, Class A, BSMI EMC	

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