

ACR7X Series

Magnetic Strip Card Reader

Intuitive Use

The ACR75 and ACR76 magnetic strip card readers are manual swipe readers of high and low coercivity magnetic cards. Intuitive to use, the ACR7x magnetic strip 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 Access-IS SoftProg utility and stored within the reader. Header and terminators, data track selection, options to configure transmission of Start and Stop Sentinels and 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.



Device Features

Connection Types

USB

Technology

Magnetic Strip

Reader Size

Swipe

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

Applications

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

MSR Reading Capabilities

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

Mechanical

Size (WxDxH): 100 x 34 x 40mm
 Body Colour: Black
 Weight: 120g
 Cable Length: 1.75m

Power supply

+5 VDC (+/- 10%)
 Consumption: 35mA max
 Communications & host
 Communication: USB 1.1

Environmental

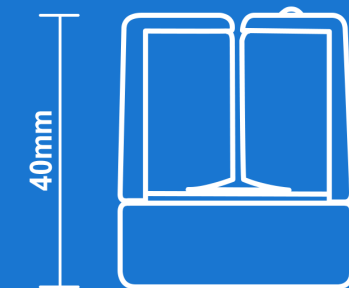
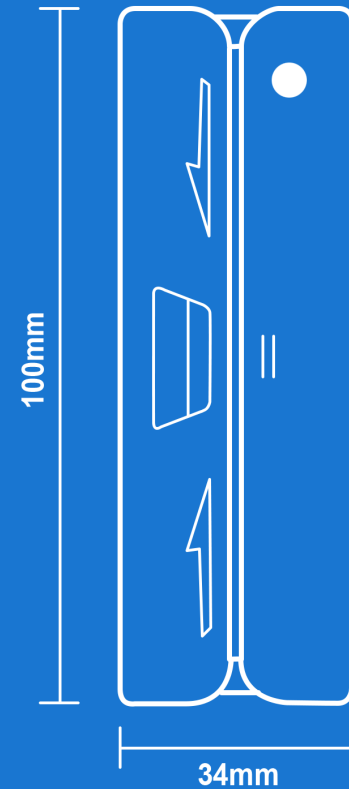
Temperature:
 Operating: -10°C to 55°C
 Storage: -30°C to 70°C

Approvals:

Safety: EN60950
 RF/EMI: EN55024, EN 55022 Class B, FCC Part 15, Subpart B, Class A, BSMI EMC

Ordering Information

Keyboard Output: ACR75ABN2
 HID Output: ACR76BN2



Get In Touch

You can get in touch via our website at access-is.com or by phone and email:

+44 118 966 3333 sales@access-is.com