

# HID MIFARE® Demo Kit

## Demonstrates the capabilities of the Model 6055B HID MIFARE Reader and HID MIFARE Cards



### Features

The HID MIFARE Demo Kit demonstrates the capabilities of MIFARE contactless smart cards when used with the Model 6055B HID MIFARE Reader. By showing the potential uses for MIFARE, users can demonstrate that the 6055B reader is capable of much more than access control when used with the appropriate software.

The user-friendly, interactive software interfaces with the demo reader and cards to demonstrate several common smart card applications. It is currently available in English, Spanish, French and German.

The following applications are demonstrated:

- ACCESS CONTROL
- CARD PROGRAMMING
- ATM
- MOVIE TICKETING

Descriptions of each application can be found on page 2 of this data sheet.

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# HID MIFARE® Demo Kit

## Features

The HID MIFARE® Demo Kit demonstrates the following applications:

### ACCESS CONTROL

- Graphic shows a reader and a door installation
- Reader includes a working PIN keypad (click with PC mouse)
- Accepts card-only, PIN-only or PIN plus card access
- Reader and display both indicate when access is granted or denied

### CARD PROGRAMMING

- Graphic shows HID World Headquarters building
- Allows cardholder's name to be stored on access card
- Allows facility code and card number to be entered
- Allows card to be programmed and read to verify programming

### ATM

- Graphic shows Bank of HID ATM
- Allows PIN code to be entered
- Allows value to be loaded on the card, up to \$20

### MOVIE TICKETING

- Graphic shows a movie ticket booth and list of movies
- Select a movie
- Select quantity of tickets
- Present card to purchase tickets
- Movie price is debited from card

### Reader/Writer

- The reader/writer is a modified model 6055B HID MIFARE reader, mounted in a Desktop Programming Stand.
- A guide holds MIFARE cards in the proper position for programming.
- A DB9S serial connector and DC power jack are located on the rear of the stand.

### Power Supply

- A universal power supply is provided with US plug. For international use, just replace the removable power cord or add a local adapter.

### Cable

- A 6' (2 meter) cable connects the reader/writer's serial output to a PC COM port. The cable has DB9F and DB9S connectors.

### Cards

- Two 1430 HID MIFARE Cards are included

## Specifications

### Kit Requires a PC with:

- Pentium® 166 MHz or better
- Windows® 9X, 2000, or NT4+
- 50 MB of available disk space
- 32 MB RAM
- Available serial COM port

### Card Compatibility

- 1430 HID MIFARE Cards
- 1431 HID Proximity & MIFARE Cards (dual technology: 125 kHz proximity and MIFARE)
- Any MIFARE card using the Philips S50 Chip or equivalent (ISO 14443, Type A) and having an available sector

### Dimensions/ Weight (Demo Stand):

6.25" H x 4.3" D x 5" W (158 cm x 109 cm x 127 cm)  
10.4 oz (295 g)

### Material:

Stand – Black PVC  
Reader housing - Polycarbonate UL 94

### Power Supply:

Input: 90-264VAC 50/60 Hz, US Plug  
Output: 12VDC, Connector: 0.0219", Shell: +  
Current Draw: 100mA @ 12VDC

### Environmental:

Indoor / office environment  
0° to +35°C (32° to 95°F)  
10 – 80% RH, non-condensing

### Transmit/Excite Frequency:

13.56 MHz

### Certifications:

UL294/cUL  
FCC Certification – USA  
Canada Certification  
Australia C-Tick  
New Zealand EMC  
CE (all EU Countries)

### Warranty

Warranted against defects in materials and workmanship for 2 years from date of shipment. (See complete warranty policy for details.)

### HID MIFARE Demo Kit Part Number:

Base Part No.: 3013AKN00



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