

ACTpro-USB Desktop Reader

Installation Guide



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http://van.fyi?Link=ACTpro-USB_Reader



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1 System overview

The ACTpro USB reader is a plug and play desktop reader, with support for ACT RFID, HID, MIFARE Classic and DESFire EV1 technologies and is compatible with ACTenterprise versions 1.3.0.5 or later.

1.1 Ordering Information

Product	Product Code	Description
ACTpro-USB Desktop Reader	V54504-F116-A100	ACT-USB ACTpro MF/EM Enrollment Reader

1.2 Technical Specification

Features	Description
13.56MHz technology	MIFARE Classic, MIFARE Plus, MIFARE DESFire EV1
125kHz technology	ACTRFID and HID
Dimensions	116 x 67 x 14mm / 4½" x 2¾" x ½"
Power Supply	5V DC- supplied from USB port
Current consumption	<100mA
Audio Indication	Buzzer when card presented
Visual Indication	Red LED on: Normal Green LED flashes when valid card presented Amber LED flashing: not connected to PC Green LED Flashing: capture mode
USB Cable	1.5m / 4½ ft USB cable



- Learned Cards and Site Coded cards are not supported by the USB reader.

2 Installation

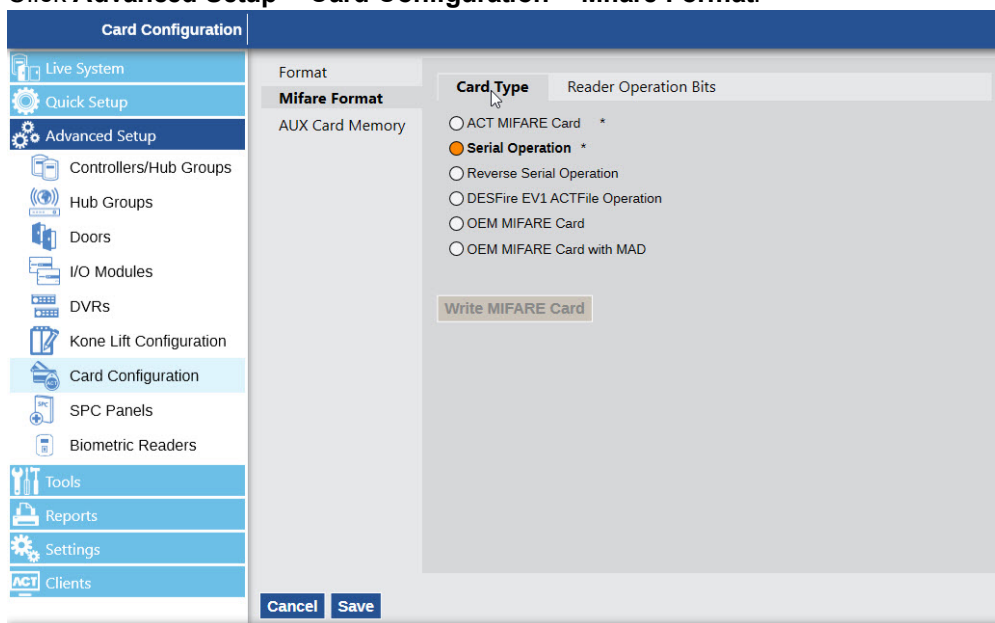
1. Install **ACTEnterprise** V1.3.0.5 or later.
2. Plug the ACTpro-USB Desktop Reader into an available USB port.
3. Wait for the installation of the driver to complete.
4. Run **ACTManage**.
5. Present card to reader.
If the card is already assigned to a user, the **User Details** page displays.
If the card is not assigned to a user, a new **User Details** page displays with the card number entered.

3 Non ACT MIFARE cards

The ACTpro-USB Desktop Reader may be programmed to read non ACT MIFARE cards.

3.1 Programming the ACTpro-USB Desktop Reader to read non-ACT MIFARE cards

1. Open ACTInstall.
2. Click **Advanced Setup > Card Configuration > Mifare Format.**



1. Select the appropriate **Card Type** from the list of options
2. Click **Save.**


The following Card Types are available:

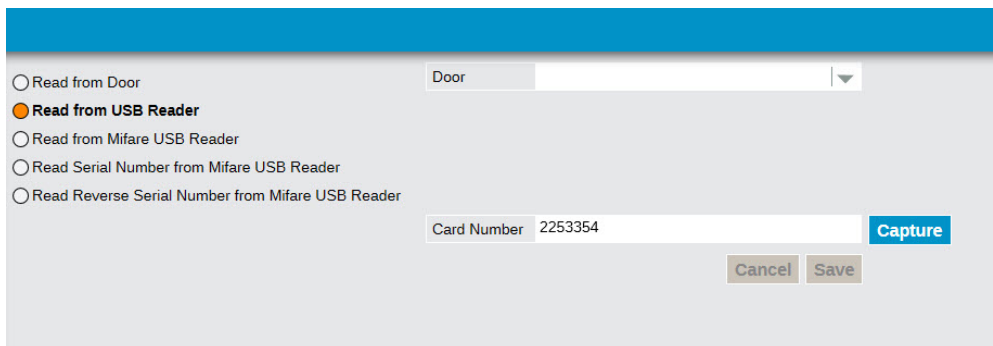
ACT MIFARE Card	This is the default setting to read ACT MIFARE Cards
Serial Operation	Returns the MIFARE serial number
Reverse Serial Operation	Returns the MIFARE serial number in reverse
DESFire EV1 ACTFile Operation	Set when using ACT DESFire EV1 cards
OEM MIFARE card	Set when using non-ACT MIFARE cards
OEM MIFARE card with MAD	Set when using non-ACT MIFARE cards and reading the MIFARE Application Directory (MAD) data.

4 Capture cards

Cards with both 125 kHz and MIFARE technology are enrolled using the capture card facility in **ACTManage**.

4.1 Capturing a card in ACTManage

1. Open **ACTManage**.
2. Click **Manage > Users**.
3. Click on the **Name** of the User to display the **User Details** page for that User.
4. Click on the **Capture Card** icon  beside the card number to display the **Card Number** page.



The screenshot shows a web interface for capturing a card number. It features a blue header bar. Below the header, there are five radio button options for reading the card: "Read from Door", "Read from USB Reader" (which is selected), "Read from Mifare USB Reader", "Read Serial Number from Mifare USB Reader", and "Read Reverse Serial Number from Mifare USB Reader". To the right of these options is a dropdown menu currently set to "Door". Below the radio buttons, there is a text input field labeled "Card Number" containing the value "2253354". To the right of this field is a blue "Capture" button. Below the "Capture" button are two smaller buttons: "Cancel" and "Save".

- To read the 125kHz number on the card, select **Read from USB Reader** and click **Capture**.
- To read the ACT MIFARE number on the card, select **Read from MIFARE USB Reader** and click **Capture**.



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