

# Gym Assistant SmartReader Setup

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The Gym Assistant SmartReader allows members to check in or gain access using a mobile phone instead of a barcode or a proximity card/fob. The SmartReader can be connected directly to our Standalone Access Controller.

## How the SmartReader Works

The SmartReader utilizes an app on your smartphone, which communicates with the reader via BlueTooth.

Here are the general steps to setup a member for access with the SmartReader:

- Member installs the app on his phone, and requests access to your location.
- You grant the member access through the SmartReader website.
- You set the member's SmartReader ID in Gym Assistant.

Once the member is setup in Gym Assistant they check-in or gain access just as they would with a barcode or proximity card/fob (but using their phone instead).

## Before you Start

We recommend that you connect and test the SmartReader on your tabletop before mounting it the wall. This will greatly simplify any diagnostics that you may need during the install. Once you have confirmed that everything is working as it should then you can mount the reader in its final location.

## Where should you mount the reader?

The reader should be mounted within a few feet of the door inside your facility.

***The reader should not be mounted outside the door!***

The SmartReader has a range of 10-20 feet, but it should be mounted as close to the door as possible to maximize its range.

## Separate Out the Correct Wires

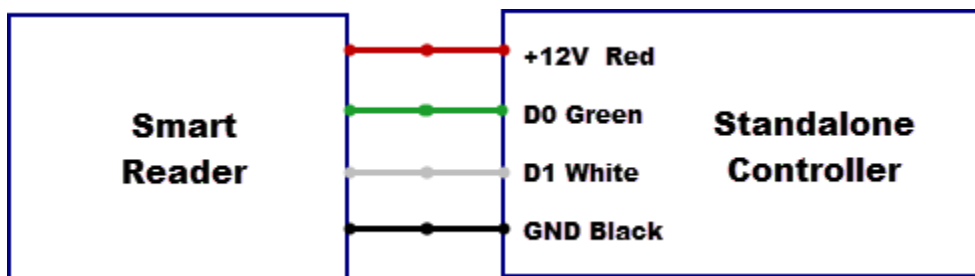
The reader comes with Red, Black, Blue and Yellow wires loose (with wires exposed) and a bunch of wires all bundled up together (with no wires exposed).

For Gym Assistant you will NOT use the **Blue** and **Yellow** wires, but you WILL use the **Green** and **White** wires.

- Cut the exposed wire ends from the Blue and Yellow wires.
- Unbundle the rest of the wires and separate out the Green wire.
- Now separate out the White wire. BEWARE, though, as many of the wires are mostly white with just a very thin colored stripe. Roll the wires between your fingers to ensure that you have the ALL-WHITE wire.
- Strip off 3/8" of insulation from the Green and White wires (using 22-gauge stripper).
- Cut off half of the exposed wire from the ends of the Red and Black wires. (The exposed end is too long and could cause a problem later.)

## Connect the Reader to the Controller

Connect the SmartReader wires to the controller as indicated for a Wiegand reader.

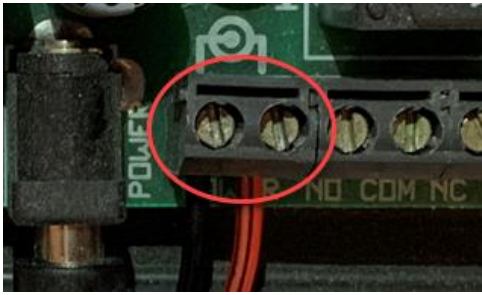


## Connect Power to the Reader

The easiest way to power the reader is to connect 12VDC and GND from the optional Power Supply with female pigtail connector.

Alternately you can tap 12VDC and GND from your existing legacy access controller.

On the **Legacy Barcode Controller**, the Power terminals are labelled POWER and reside between the round power connector and the NO terminal. You should check the polarity of the two terminals with a voltmeter to ensure which terminal is positive and which is ground.



On the **Legacy Proximity (Wiegand) Controller**, tap 12VDC from the VH and Gnd terminals.



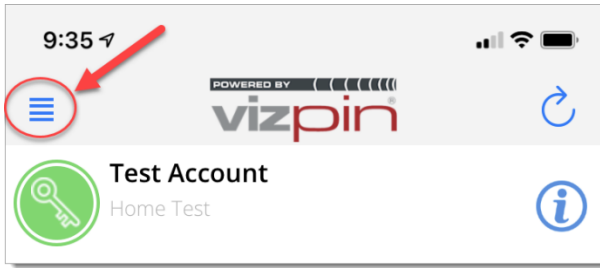
When you power up the reader it should light up RED.



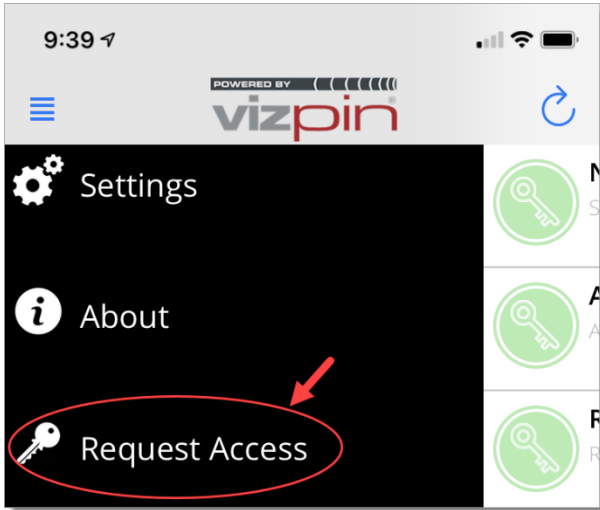
## Install and Register the Smart Phone App

Have your member install and register the **VizPin Smart** app on their iPhone or Android phone.

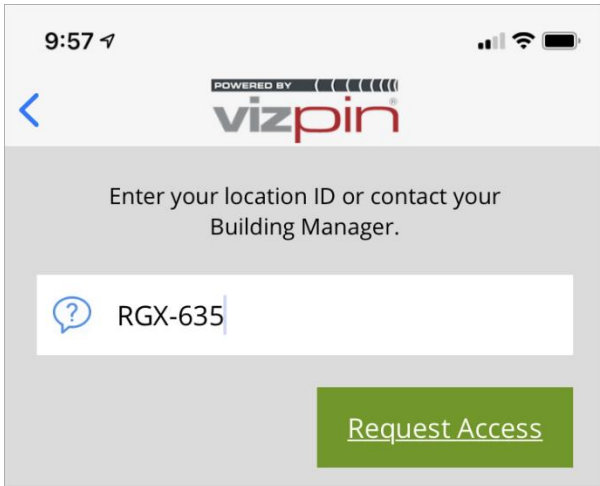
In the VizPin Smart have the member will need tap on the menu icon (in the upper-left).



Then tap **Request Access**.



Then enter your Location ID (from VizPin website, below) and tap **Request Access**.

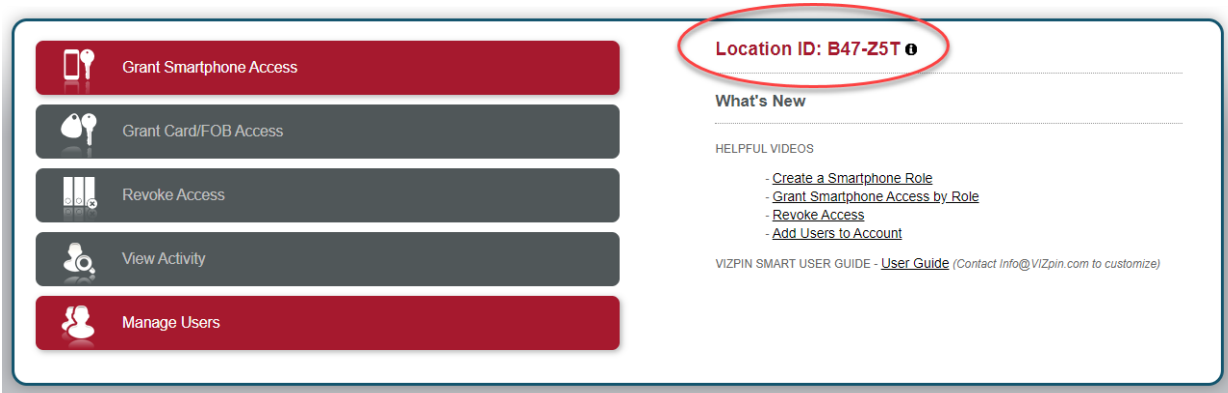


## Grant Reader Access for Member Phone

Login to [www.vizpin.net](http://www.vizpin.net) with your email and password.

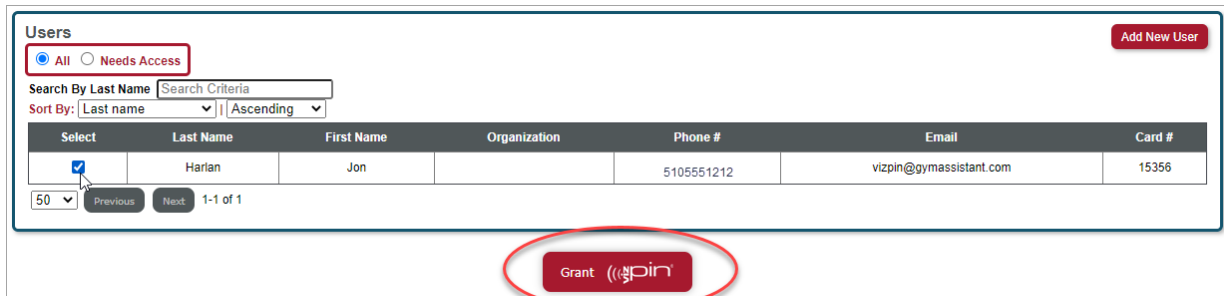


Note your **Location ID**, as members will need to enter the Location ID when setting up on their phones.



Click **Grant Smartphone Access**.

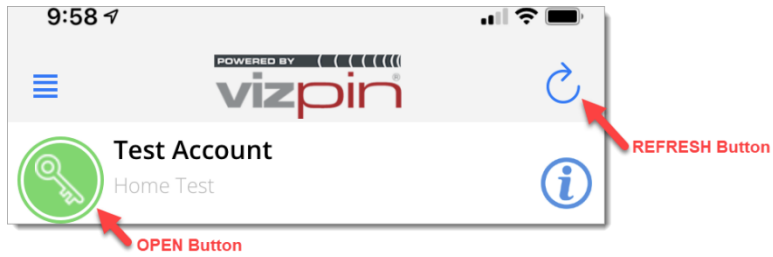
Click the **Needs Access** checkbox to see only members who need access.



Check the Select box for the member(s) who need access, then click **Grant VizPIN**.

## Test the SmartReader

Have the member hit the Refresh button in the upper-right of the VizPin Smart app.



The OPEN icon should now appear. If their phone is within range then it will appear as shown. If their phone is not within then it will appear inactive.

When the member taps the OPEN icon the key icon will rotate, and the reader will beep and flash green.

## Test the SmartReader

Tap the OPEN icon in the smartphone app. The key icon should rotate, and the reader will beep and flash green.

GateKeeper should report “Unknown Scan: 250XXXXX”.

*Note that SmartReader scans will always appear as an 8-digit number starting with 250.*

## Setting the Member Card ID in Gym Assistant

In Gym Assistant while viewing a member record, click the **Barcode** button.

You can set the member’s card ID (barcode) in Gym Assistant in two ways:

- Tap the OPEN icon in the smartphone app. The full 8-digit SmartReader ID will automatically appear in the Barcode field.
- Get the member’s SmartReader **Card #** from the VizPin website (see below).
  - In Gym Assistant you must enter 8 digits for the barcode, which will be “250” followed by the 5-digit Card #. If the Card # has fewer than 5 digits then you must include leading zeros. For example:
    - If the Card # is 12345, then you enter the barcode as “25012345”.
    - If the Card # is 123, then you enter the barcode as “25000123”.

The screenshot shows the 'Users' management interface. At the top right is an 'Add New User' button. Below it are radio buttons for 'All' (selected) and 'Needs Access'. A search bar is labeled 'Search By Last Name' with a 'Search Criteria' input field. Below the search bar, 'Sort By' is set to 'Last name' and 'Ascending'. A table lists users with columns: Select, Last Name, First Name, Organization, Phone #, Email, and Card #. The first user is Jon Harlan, with phone number 5105551212 and email vizpin@gymassistant.com. The Card # field for Jon Harlan contains the value 15356, which is circled in red with a red arrow pointing to it. At the bottom of the table are pagination controls: a dropdown for '50', 'Previous', 'Next', and '1-1 of 1'. Below the table is a red button labeled 'Grant' with a pin icon.

Select	Last Name	First Name	Organization	Phone #	Email	Card #
<input type="checkbox"/>	Harlan	Jon		5105551212	vizpin@gymassistant.com	15356