

Mission Machines

The miDoor™ iPhone™ App Quick Configuration Guide

The miDoor App works exclusively with the miDoor Internet garage door and gate controller, which is also referred to as the miDoor controller. The miDoor controller must be purchased and installed separately. See *The miDoor Garage Door Opener Quick Installation Guide* and *The miDoor Opener Quick Configuration Guide* for instructions on installing and configuring the miDoor controller.

The miDoor App for IOS devices is available for free from the App Store at <http://itunes.com/apps/miDoor>. The app supports iPhones® and iPads® running IOS 4.3 or above.

The miDoor App allows a user to access the miDoor controller remotely to retrieve status about the garage door or gate, get a copy of the most recent alarms and events, and to open or close the garage door or gate.

Remote access to the miDoor controller requires a public IP address that is linked to the miDoor controller and for Internet access availability on the iPhone or iPad. The preferred method for opening or closing the door or gate requires that the miDoor App be connected to the same network that the miDoor controller is connected to. This is referred to as the private network. Alternative methods are available and we recommend contacting support@missionmachines.com for more details.

When the miDoor App is ran without proper configuration it will operate in demo mode. In demo mode communication is simulated and no commands are sent to or received from a miDoor controller. The blue button will simulate a door opening or closing event.

Launch (run) the miDoor App as you do any app. Once the app is initialized a screen similar to the ones below will be displayed:

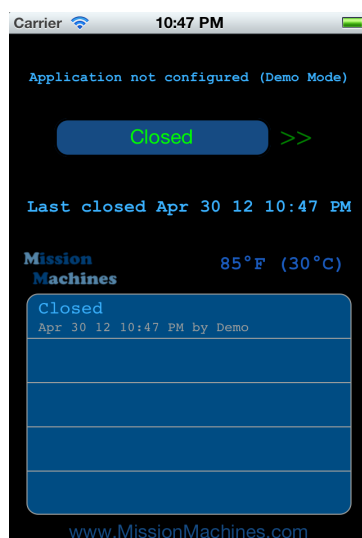


Figure 1 (Left: Demo Mode)

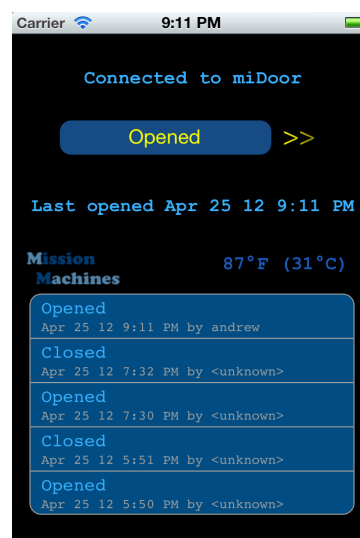


Figure 1 (Right: Operational Mode)

The blue button is labeled with the current status of the door or gate. To open or close the door or gate double tap on the blue button that is labeled either “Closed” or “Opened”. When the button slides to the right you will have three seconds to tap the button again to operate (open or close) the door or gate. This double tap/tap mechanism is designed to prevent accidental and unintentional operation of the door or gate.



Caution

Never operate the garage door or gate without insuring that there are no people or objects in the way of the door.
 Never operate the garage door or gate without maintaining visual site of the door.
 Failure to do so may cause serious injury, damage or death.

When the door is changing the blue button will be locked for 15 seconds while the door changes from opened to closed or from closed to opened.

Configuration

To configure the miDoor App go to the “Settings” application that comes as a part of the iPhone or iPad. Scroll down until you see the settings menu button for the miDoor App. Select the miDoor App settings. You should see a screen similar to the one below:

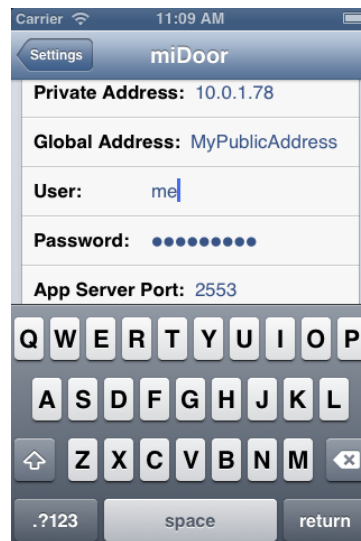


Figure 2 (Configuration Screen)

In this screen you will need to configure:

Private Address

The private (local) IP address of the miDoor controller. This is the IP address that is assigned to the miDoor controller and is the same as the ‘IP Address’ field in the miDoor controller Network Configuration settings.

This field is required if you would like to operate the garage door from the app when connected to the local network

Note that if the miDoor controller is configured to use a DHCP assigned address then you will have to find the IP address that the DHCP server assigned to the miDoor controller. This can be found from the Network Configuration settings page from the miDoor controller or possibly from your router. If DHCP changes the IP address then you will have to update this field with the new IP address assigned to the miDoor controller. It is recommended to use a static, or fixed, IP address when configuring the miDoor controller.

This field is optional but must be specified if the Global Address is not complete.

Global Address

If you would like to view the status of the door or gate remotely (away from your private network) then this field must be the public IP address of your network or the public name of your network if using such a feature. You will have to contact your Internet Service Provider to find this information.

If the public IP address or name changes this field will have to be changed as well.

This field is optional but must be specified if the Private Address is not complete. A private IP address and a global IP address can both be configured. When both are configured the miDoor App will connect to the private IP address if that is available. If the private network is not available then the miDoor App will try to connect using the global address. The private network always has precedence over the global address.

User

The user name for an account created on the miDoor opener.

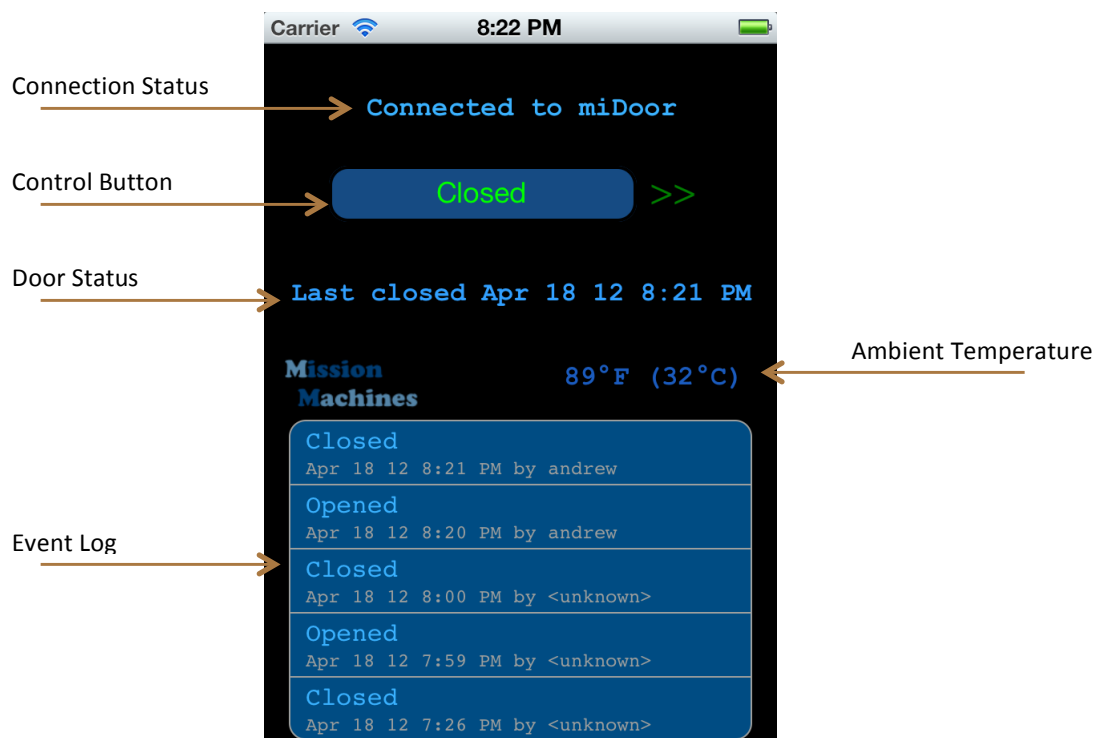
Password

Password used for the user account.

App Server Port

This is the communications port the the miDoor App utilizes to communicate to the miDoor controller. The default value is 2553 and is the value used for most installations. This value **must** match the settings for the App Server Port in the miDoor controller. Only change this value if you must and only after the corresponding value has been changed in the miDoor controller.

Screen Areas



Connection Status

This is the status of the network connection from the miDoor App to the miDoor controller. Once a connection is established this will be updated to “Connected to miDoor” or “Connected remotely to miDoor”.

Control Button

Operates the door or gate. This button will be enabled when the miDoor App can control the operation of the door or gate. The text of the button will reflect the status of the door or gate (‘Closed’, ‘Opened’, ‘opening’, or ‘closing’.) Green text will indicate that the door or gate is closed and that the button will open the door or gate. Yellow text will indicate that the door or gate is opened and that the button will close the door or gate. Gray text indicates that the button is disabled. The button may be disabled because the miDoor App is not connected to the miDoor controller using the private network or it may be temporarily disabled because the door or gate is currently opening or closing.

Door Status

This will indicate the status of the last event on the door or gate including information about an active alarm. If the text is red then there is a triggered alarm on the miDoor controller.

Ambient Temperature

This is the most recent temperature reading from the miDoor controller’s ambient temperature sensor. The temperature sensor is updated every 30 seconds.

Event Log

The most recent events logged by the miDoor controller. Any text in yellow indicates that the event triggered an alarm.

Controlling Multiple Doors or Gates

As of version 2.10 of the miDoor App up-to six miDoor controllers are supported by a single instance of the app. To configure the app to support multiple miDoor controllers additional information must be added to the ‘Private Address’, ‘Global Address’ and ‘App Server Port’ fields.

Each of these fields support comma separated lists. For each miDoor controller enter in its private IP address, global IP address, and App Server port into the ‘Private Address’, ‘Global Address’ and ‘App Server Port’ fields, respectively, using commas to separate the values for each miDoor controller. See Figure 5 (Two miDoor Controllers).

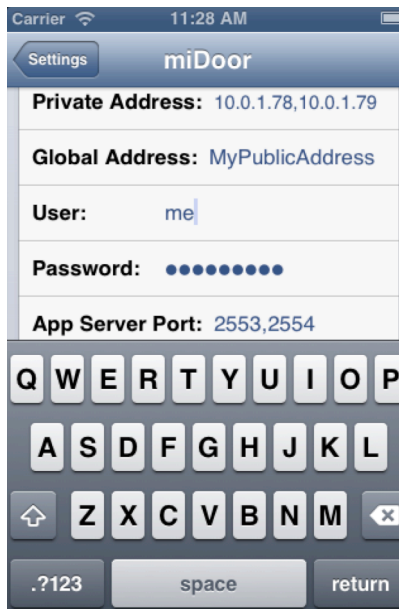
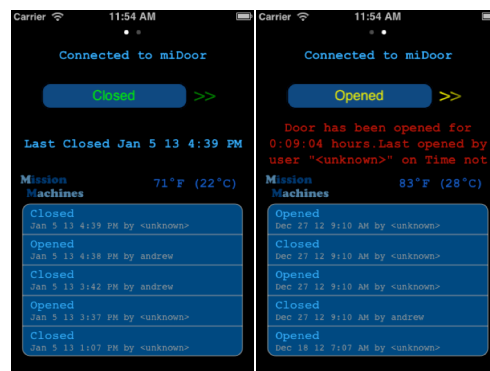


Figure 5 (Two miDoor Controllers)

When multiple miDoor controllers are configured a set of page control circles will appear at the top of the screen. Each circle represents a configured miDoor controller. The solid circle indicates which controller is currently being controlled by the app.

To move between devices either swipe your figure across the screen (left-to-right or right-to-left) or press on a page control circle that represents the miDoor device you want to control.



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