MyGate

Quick Reference

- Installation Instructions
- Wiring Instructions
- App Instructions

Revision 1.0

OVERVIEW:

MyGate is a Wi-Fi smart receiver for automatic gates. The simple to use mobile app allows a standard smart phone to open, hold open, or close the gate eliminating the need for costly transmitters. Alert notifications can be set when the gate is opened, closed, or held open past a set time. MyGate is ideal for residential and small commercial applications.

Download the MyGate Installation & Program Manual at www.AccessOneTechnologies.com for more detailed instructions.

⚠ **Never operate the gate if you are not in a clear line-of-sight with the gate and its travel.**

⚠ **Never allow children to operate or play with gate controls or play in the area of a gate.**

BASIC WIRING OVERVIEW:

To connect MyGate for basic use with a gate operator:

1. Connect 12-24VAC/VDC power from a transformer or the gate operator to the 12-24V terminals.
2. Connect the gate operator open input to C1 and NO1.
3. Connect a Position Switch such as the gate operator closed limit switch to the POSITION + and COMMON.

Position +

NO1
Common   C1
12-24 V
12-24 V

12-24 AC/DC

OPEN

Gate Operator
Closed Limit
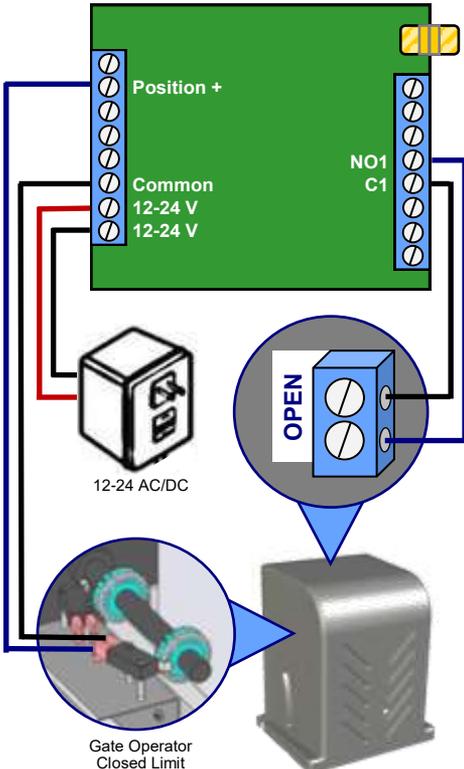
DOWNLOAD MOBILE APP:

For iPhones, download the MyGate app from the Apple App Store:

1. Search GateAccess
2. Select the Access One GateAccess app and download.

For Android phones, download the MyGate app from Google Play:

1. Search MyGate
2. Select the Access One MyGate app and download

TEST LOCAL CONNECTION:

MyGate does not require an internet connection for basic operation - The mobile app connects directly to MyGate once the user is within the MyGate Wi-Fi range. To test the system with a local connection:

1. On the phone settings, select the MyGate Wi-Fi network
2. Open the MyGate app
3. The first time the app is opened, it will ask for a UserKey and Phone MAC ID.
   - **Enter a default UserKey "00000000"**
   - Enter the MAC ID of your cell phone
4. SAVE the settings and open the app
5. Test the OPEN button.
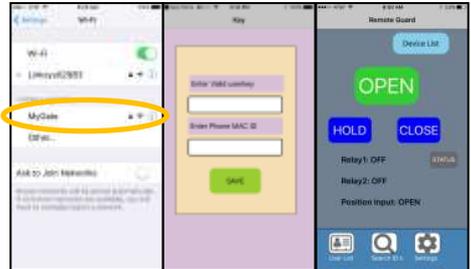
All features are available with a Local Connection except for remote (off-site) control of the gate and alert notifications. To remotely control the gate and receive alert notifications, a User Account and internet connection is required.

REMOTE (INTERNET) CONNECTION:

MyGate requires an internet connection through a local router for remote connection. Because MyGate connects and is controlled outside of the local network, an external port and port forwarding will need to be set up in the router.

SETUP REMOTE CONNECTION:

To set the MyGate settings:

1. Connect to the MyGate Wi-Fi network and open the MyGate app.
2. Open the Settings Page of the MyGate app
3. Device: Name the MyGate device (Example: Top Gate)
4. Wi-Fi Password: Password for MyGate network (Default is 0987654321)
5. Note the MyGate MAC ID
6. Local WiFi: Local router Wi-Fi name (Example: Linksys02983)
7. Local WiFi SSID: Local router password
8. User ID: Default ID the first time the app was opened. This will change once a User Account is set up.
9. Port: External Port Number that will be set up in Port Forwarding of router. (Example: 79)

To set the Router settings:

1. From a PC or device on the local network, log into the router.
2. Select Single Port Forwarding in the router software. Port forward menu selections will vary and depend on the router manufacture.
3. Select Add New Single Port and add settings:
   - Application name: Name for MyGate (Ex: Top-Gate)
   - External Port: This is the same port number set in the MyGate settings. This number will change for each different MyGate device added to the network. (Example: Top-Gate = 79, Lower-Gate = 78)
   - Internal Port: Port number used in the Port Forward. This will be the same number for all MyGate devices added to the network. (Example: Port 79)
   - Protocol: TCP
   - Device IP: Set an IP address, this address is permanent for the MyGate device. Make sure it is in the allowed range of the router. This address should be reserved in the router to the MyGate device. (Example: 192.168.1.114)
   - Status: Enabled
   - SAVE
4. Select Address Reservation in the router. Usually it is in the list of DHCP menu:
   - Select Add New Option
   - Enter the MyGate MAC Address in the MAC-ID field
   - Enter the IP address set above
   - Select Status Enabled
   - Save
5. Some routers will require power to be turned off and back on for the changes to be made.

NOTE: A Static IP address is required. Some internet providers may use Dynamic IP addresses or secondary IP addresses off their remote antennas. In those applications, contact your provider and set up a Static IP.

USER ACCOUNT:

To work remotely, MyGate requires an internet connection and a User Account. A user account is not required for local activation but is required for remote activation. Multiple users can use one user account and individual user control can be set in the User List via the mobile app.

* A minimal yearly fee will be charged for all User accounts.

CREATE USER ACCOUNT:

To create a User Account:

1. Retrieve the MyGate MAC ID from the mobile app Settings page.
2. Log on to: http://access1technologies.com/access1/login.php
3. Select New User Sign Up at the bottom.
4. Enter User information:
   - Username: Contact name for the account
   - Address: Mailing address for the account
   - City: City for mailing address
   - State: State for mailing address
   - Zip Code: Zip code for mailing address
   - Email: Email address for contact of account
   - Login Name: Unique login name
   - Login Password: Password to login
   - Confirm Password: Reenter password
   - Press CREATE
   - Select User Login
5. User Home Page will be displayed. Note the User ID as the new ID will need to be entered in the Settings page of the mobile app.
6. Select Add Device and enter Device information:
   - Device ID: Select an ID for the MyGate device. It is recommended to assign a number so if multiple devices are set up, the lowest number will be the primary device.
   - Device Name: Select a name to identify the device
   - Enter the IP Address setup in the Router settings
   - Enter the MAC ID of the MyGate device.
   - Enter the Port number setup in the Router settings.
   - Press SUBMIT
5. Enter the new User ID on the MyGate app Settings page

TEST REMOTE CONNECTION:

To test the remote connection:

1. Close the MyGate app
2. Connect to the home Wi-Fi network
3. Open the MyGate app
4. Press OPEN and the gate should open.
5. If multiple MyGate devices have been added to the network, use the SELECT DEVICE tab to select which device to control. Note: The MyGate app will automatically open the MyGate device with the lowest Device ID (set in the User Account Device Settings).

IMPORTANT USER INSTRUCTIONS:

Automatic gate systems provide user convenience and limit vehicular traffic. Because these systems can produce high levels of force, it is important that you are aware of the potential hazards associated with the system. Potential hazards may include pinch points, entrapment positions, lack of proper pedestrian access, blind spots for traffic visibility.

It is the joint responsibility of the designer, purchaser, installer and end user to verify the system is properly configured for its intended use. Be sure that the installer has instructed you on the proper operation of the gate and gate system before use. Be sure the installer trains you about the basic functions of the required reversing devices associated with the gate system and how to properly test them. Reversing devices may include reverse loops, sensing edges, photoelectric cells, inherent reverse detection, and/or other external devices.

RESTRICTIONS & WARNINGS:

1. A moving gate can cause serious injury or death. Read and follow all installation manuals, reference manuals, and warning label instructions.
2. Vehicular gates are for vehicles only. Pedestrians must use a separate entrance. Keep all pedestrian traffic away from any vehicular gate. No one should cross the path of a moving gate.
3. Never operate this device when you are not in a clear line of sight of the door or gate. You must verify the door or gate is clear of any object or person before operating the device.
4. ever allow children to operate or play with gate controls or to play in the area of a gate system.
5. Access control devices must be placed far enough from moving gates to prevent the user from coming in contact with the gate while operating the controls.
6. All activating devices must be installed in a clear line-of-sight with the gate and its travel.
7. Activating devices must be installed a minimum of 10 feet away from the gate.
8. Outdoor or easily accessible controls shall have a security feature to prevent unauthorized use.
9. Be sure to mount all operating devices clearly out of reach of through gates.
10. DO NOT install or use this product if every door or gate does not have proper reversing devices installed and operating correctly.
11. **DO NOT install this device unless <u>all</u> potential hazards and pinch points have been eliminated.**
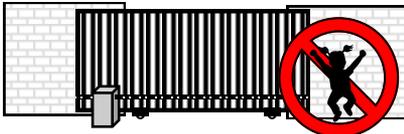
⚠ **DO NOT allow children to play near, on or with the gate, gate operator, or any of its controls.**

⚠ **DO NOT mount operating devices accessible through the gate or in between gate and wall.**

MyGate Notes	
Device ID:	
Device Name:	
Device MAC ID:	
Port Number:	

www.AccessOneTechnologies.com