



Rotary Gate Systems, Inc. remote diagnostic tool

This document describes the usage, protections, and liabilities of the Rotary Gate Systems (RGS) remote diagnostic tool.

This tool is designed to be used with RGS gate operators using the Linear APeX circuit board only. Using this device with another circuit board, or with an operator other than RGS can cause damage to the device. This device has not been tested with other systems using the same type of connector or using AC main power. Any damage caused by installation of this device on another brand or type of operator or circuit board will be the responsibility of the installing dealer and will not be covered by Rotary Gate Systems warranty.

This device is intended to be a diagnostic tool only, and should not be relied upon for any safety, or safe keeping of any person, child, pet, property, etc. Even with the RGS remote diagnostic tool, site visits are the most reliable way to ensure continued and proper operation of any gate system, this tool is designed only to assist in the diagnosis of on-site issues before arriving.

Installation of this device is in no way intended to convey protections against failures, surges, mishaps, unintended closings, safety failures or other malfunctions that could cause serious injury or death, or the malfunction of a gate operator. When working on or around automatic gates proper caution should always be taken to ensure no person or pet can be injured or killed by the movement of the gate.

Rotary Gate Systems, Inc. is in no way responsible for any damages, injuries or deaths that may occur from the improper installation or malfunction of safeties, obstruction devices, gates, gate operators, or other infrastructure installed for the gate system.



Create an account for accessing your Rotary-IQ units by navigating to: [www. RotaryGateSystems.com](http://www.RotaryGateSystems.com) and clicking on the "ROTARY IQ" link. You will be prompted for an email address and password to create your account. Create a customer under your account where the device will be installed. Once your account has been approved, call tech support at 877-331-4747 to have ownership of your device transferred to your account.

Once your account has been approved, create a customer under your account where the device will be installed. Device ownership cannot be transferred without a customer being created.

Rotary Gate Systems, Inc. maintains full admin control of all devices for in depth troubleshooting, device customer/dealer transfers, etc.

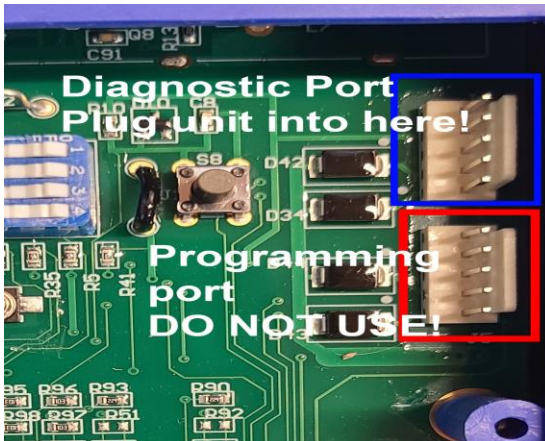
The Rotary IQ system can be used for various features and functions:

- Remotely open/close the gate from a smartphone, tablet, or computer.
- Retrieve diagnostic information from the system remotely.
- Remotely change programming steps to adjust for customers needs after the installation is complete.
- Reset the board remotely.
- Perform a factory reset on the board to return programming steps back to factory settings.

ROTARY^{iQ}

Field diagnostics from anywhere

The RGS remote diagnostic tool is a field installable upgrade to any RGS slide gate operator using the Linear APeX circuit board. The remote diagnostic tool receives power from the APeX board and will connect by it's own process. Ensure that power is OFF to the system, the plug on the remote diagnostic board is uni-directional and should be plugged in to the top port in the space to the right of the DC motor board. The RED and BLACK wires are incoming power and should be connected to the 24+ and 24- terminals on the J1 terminal strip, or to accessory power on the APeX board*.



If this motor board is not visible, you may need to remove the blue plastic cover with the "WARNING" label printed on it. Once you have ensured the remote diagnostic tool is plugged into the correct port, and power is connected correctly, connect the antenna via the SMA connector at the top of the housing. Once the antenna is securely connected, turn power on to the system, you will see a brief white flash of the LED, followed by blinking green, then blinking cyan (light blue), finally settling on "breathing" cyan, this looks like a very slow blinking with the LED dimming and brightening occasionally. Once your device is "breathing" cyan, you are online and ready to have diagnostic reports pulled from the unit.

***If using accessory power on the APeX board, this should be the ONLY device drawing power from that terminal.**