

Gate ~ FMCU ~ management dashboard/en

Connectivity Board

Contact	Modbus Value /Flag	Type	Impulse	Description
A8	0x47	Output	Yes (200ms)	Person has entered
A9	0x48	Output	No	Alarms*
E3	0x004	Input	No	Fire Alarm
E4	0x008	Input	No	Emergency State button**
E6	0x020	Input	Yes (200ms)	Card is valid, open the gate
E7	0x040	Input	Yes (200ms)	Card is invalid, do not open the gate

*A9 Alarms:

- Gate is out of order, when a mandatory device is broken or a connection to the server is broken (if the server is used in the solution).
- Tailgating or other unwanted actions.
- Entry barcode scanner is broken or it is a stub.
- Gate in in the **Fire Alarm** or **Emergency** state. The alarm is produces as a repetitive pulse signal (700ms).
- Gate is open only for exit.

After the Emergency State button pressed, the gate switches to the Emergency State. Then only exit from this state is to restart the gate.

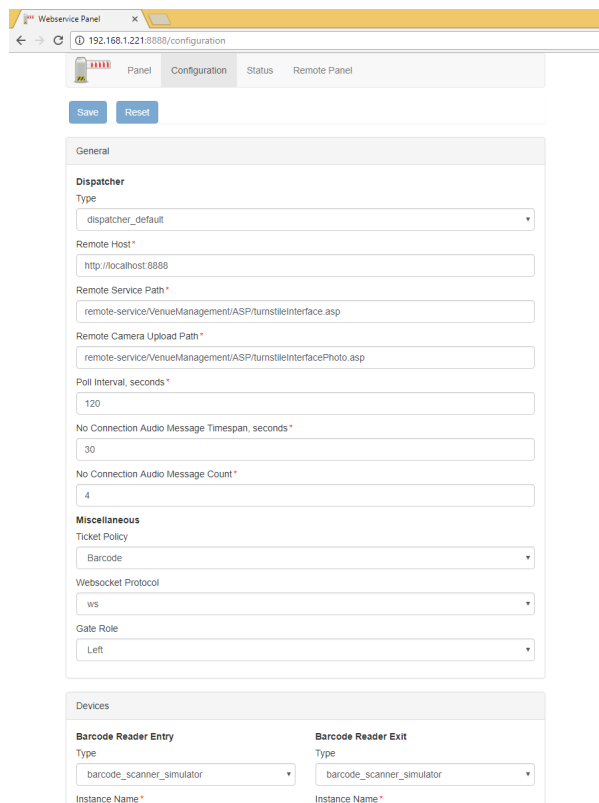
The signal can be set/received to/from a contact from any of the halves of the gate.

Configuration Management

User Interface

The Galaxy Gate is configured through the **/configuration** page. If the server is running at 192.168.1.221 and port is 8888, the url is:

```
http://192.168.1.221/configuration
```



There are two buttons on the page:

Name	Description	Action
Save	Saves the modified configuration to the server	Post
Reset	Discards any changes by reloading the configuration from the server	Get

The configuration is split into sections and subsections:

- General
 - Dispatcher
 - Miscellaneous
- Devices
 - Barcode Reader Entry
 - Barcode Reader Exit
 - Gate
 - Tracking Camera
 - Audio Player
 - Camera
- Displays
 - Display Gate Entry
 - Display Gate Exit
 - Display Entry

- Display Exit
- Display TimelInfo

Here are some screenshots:

General

Dispatcher

Type
dispatcher_odoo_superfly

Host*
192.168.1.221

Port*
8069

Protocol
http

Password*
pass

Poll Interval, seconds*
120

No Connection Audio Message Timespan, seconds*
300

No Connection Audio Message Count*
4

Miscellaneous

Ticket Policy
Barcode

Websocket Protocol
ws

Gate Role
Left

Devices

<p>Barcode Reader Entry</p> <p>Type barcode_scanner_rfid</p> <p>Instance Name* Barcode Scanner Entry</p> <p>Read card not often than, ms* 1000</p> <p>Port* /dev/ttyUSB2</p> <p>Beep Enabled <input type="checkbox"/> OFF</p>	<p>Barcode Reader Exit</p> <p>Type barcode_scanner_magellan</p> <p>Instance Name* Barcode Scanner Exit</p> <p>Read card not often than, ms* 1000</p> <p>Port* /dev/ttyUSB3</p>
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Gate

Type
gate_galaxy_modbus

Port*
/dev/ttyUSB0

Timeout, ms*
500

Baud rate*
115200

Reverse
 OFF

Timeout Count*
2

Timespan Before Audio Message, seconds*
10